KOSO

No. 406 DING-AN ST. ANNAN DISTRICT TAINAN CITY 70944 TAIWAN

+886-6-2556565

+886-6-2461878

www.koso.com.tw

info@koso.com.tw

KOSO NORTH AMERICA

673 Rossiter st. St-Jean-sur-Richelieu, Qc, Canada, J3B 8A4

+1-450-359-0604

+1-450-359-0849

www.kosonorthamerica.com

info@kosonorthamerica.com

KOSO EUROPE

Dr.-Walter-Bruch-Strasse 9 66606 St.Wendel

+49 6851 978720

+49 6851 978799

www.kosoeurope.com

info@kosoeurope.com

K-Link

K-Race

Download on the App Store

GET IT ON Google Play

TUV NORD
TUV Asia Pacific Ltd. Taiwan Branch
ISO/TS 16949 : 2009

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KOSO

2027

KOSO

Feel The Speed

2027

SINCE 1981

TONG YAH
Electronic Technology Co., Ltd.

■ Quality Certification

■ Business Activities

Motorcycle & Automobile

Meters / Electronic Parts / Tune-up Parts / Accessories

■ Company History

1981 — Creation of Tong Yah Industrial co., LTD Koso was only producing motorcycle performance parts.

1989 — Company name changed to Tong Yah Electronic Technology Started to build meters and use of electronic production line.

2000 — ISO 9002 quality system certified.

2005 — Creation of Koso North America branch office.

2006 — TS-16949 quality system certified. Become a qualified supplier of PGO and Rieju.

2008 — Creation of Koso Europe branch office.Become a qualified supplier of Triumph.

2014 — Registred D&B D-U-N-S.

2017 — Separation of electronic factory and Mechanical factory.

2018 — Upgrade TS 16949 certification to IATF 16949 certification.
Issued Top 1000 Elite SME.

2020 — Established mold injection factory. Become a qualified supplier of CMC, KTM and Ducati.

2021 — Begin construction of new R&D Center and deepening of global supply chain integration.

2026 — KOSO merge with E-Lead Electronic Co., Ltd. And reaching full operational maturity, our R&D potential is fully unleashed to drive next-generation mobility solutions.

■ Actively participating in major exhibitions worldwide

EICMA 2025 | Milan, Italy

Index

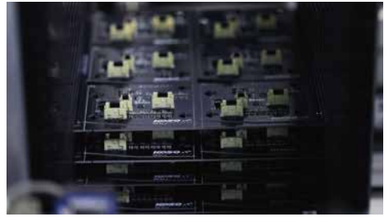
Key to symbols
Plug & play-Harley-Davidson
Plug & play
Unlimit
Race
Classical
Accessory
USB Charger
Heater Grip & Light

■ One-stop Manufacturing Solution From concept to mass production and shipment

01-DESIGN
Industrial design, structure design, and DFM consideration.

02-TOOLING
Rapid mold development for quality and lead-time control.

03-SMT
Precision PCB assembly with stable quality control.

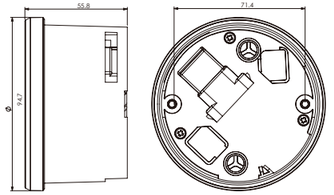


04-TESTING
Water resistance, vibration, temperature & durability tests.

05-MANUFACTURING
Standardized production with consistent output.

06-PACKAGING & SHIPPING
Custom packaging and shipment-ready solutions.

Harley-Davidson
HD-02



●Digital tachometer	Display range:0 ~ 9990 rpm
○Tachometer	Display range:0 ~ 8000 rpm Display unit:166 rpm
●Engine temperature	Display range:-17 ~ 123˚C (0 ~ 255 ˚F)
●Gear meter	Display range:N,1 ~ 6
●Supply voltage	DC 12 V
●Effective temperature range	-10~+60°C
●Meter standard	JIS D 0203
●Meter size (D X H)	D94.7 X 55.8 mm
●Meter weight	
●Indicator light color	Cruise Control Light (Orange/Green) ABS Light (Yellow)

Item number

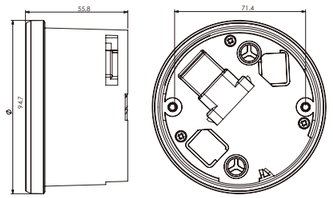
Backlight color	Display range	Casing	
★BA051100★	Blue/Red	0~8,000	Chrome
★BA051110★	Blue/Red	0~8,000	Black

HD-02R 4” Tachometer

Our plug & play 0 to 8 000 RPM meter is equipped with a 2 colors changeable LCD display. Other than providing the engine RPM, this meter will provide the gear position, cruise control and ABS indicator light. Easy to connect and install, this meter is a great addiction to all Harley’s FLHT, FLHX and FLTR from 2004 to 2013.

HD-02S 4" Speedometer

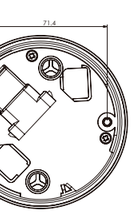
Our plug & play multi-functions speedometer is equipped with a 2 colors changeable LCD display. The instrument cover the basic functions of speed, odometer and tripmeter. It also includes a clock and all the necessary indicator lights. Easy to connect and install, this meter is a great addition to all Harley's FLHT, FLHX and FLTR from 2004 to 2013.



●Digital Speedometer	Display range:0 ~ 299 km/h (0 ~ 199 mph) Display unit:1 km/h (mph)
○Speedometer	Display range:0 ~ 200 km/h (0 ~ 120 mph) Display unit:About 4.2 km/h (2.5 mph)
○Odometer	Display range:000,000~999,999 km (mile) Display unit:1 km (mile)
○Trip meter A/B	Display range:0000.0 ~ 9999.9 km (mile) Display unit:0.1 km (mile)
●Clock	Display range:12 H / 24 H Accuracy +/-4 seconds / Day
●Fuel	Display range : Fu-04 / Fu-08 Hd-04 / Hd-08
●Backlight color	Setting range:Blue / Red
●Effectiv e voltage	DC 12 V
●Effective temperature range	-10~+60 ˚C
●Meter standard	JIS D 0203
●Meter size (D X H)	D94.7 X 55.8 mm
●Meter weight	
●Indicator light color	Fuel light (Yellow) Engine Light (Yellow) Gear Light (Green) Volt Ligh (Red) Anti-Theft Light (Red)

Item number

Backlight color	Display range	Casing		
Blue/Red	0~360 km/h	Chrome	★BA051000★	
Blue/Red	0~360 km/h	Black	★BA051010★	



●Oil temperature	Display range : 0 ~ 400 °F Display unit : 1 °F or 1 °C
●Oil temp. warning	Setting range : 150~400 °F (70~199 °C) Setting unit : 1 °F or 1 °C
●**Supply voltage**	**DC 12V**
●Backlight setting	Setting range : Blue / Red
●Effective temperature range	-10~+60°C
●Meter standard	JIS D 0203
●Meter size (D X H)	D57.5 X 47.3 mm
●Meter weight	86 g

Item number

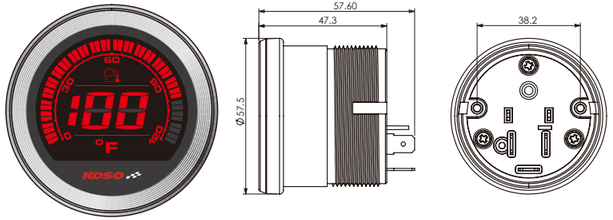
Backlight color	Display range	Casing		
Blue/Red	0~400°F	Chrome	★BA050500★	
Blue/Red	0~400°F	Black	★BA050510★	

HD-02P 2" Oil Temperature

This plug & play oil temperature meter is equipped with a 2 color changeable LCD display. It will provide you with the oil temperature from 0 to 400 °F and is easy to connect and install.
This meter is a great addition to all Harley's FLHT, FLHX and FLTR from 2004 to 2013.
This meter could allow ride to replace the Ambient meter if the ambient temp. is less important by personal preference.

HD-02P 2" Ambient Temperature

Equipped with a 2 colors changeable LCD display, this plug & play ambient temperature meter will provide you the outside temperature from 0 to 120°F. Easy to connect and install, this meter is a great addition to all Harley's FLHT, FLHX and FLTR from 2004 to 2013.



●Ambient Temperature	Display range:0~120 °F Display unit:1 °F
●Temperature alarm	Setting range:15~65 °F Setting unit:1 °F
●**Supply voltage**	**DC 12V**
●Effective temperature range	-10~+60°C
●Meter standard	JIS D 0203
●Meter size (D X H)	D57.5 X 47.3 mm
●Meter weight	Around 190 g

Item number

Backlight color Display range Casing

★BA050000★

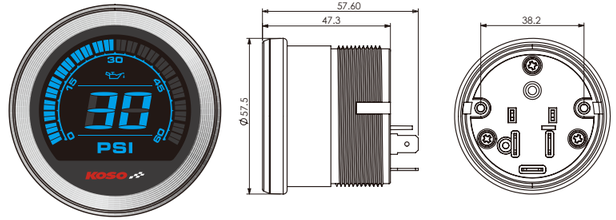
Blue/Red 0~120°F Chrome

★BA050020★

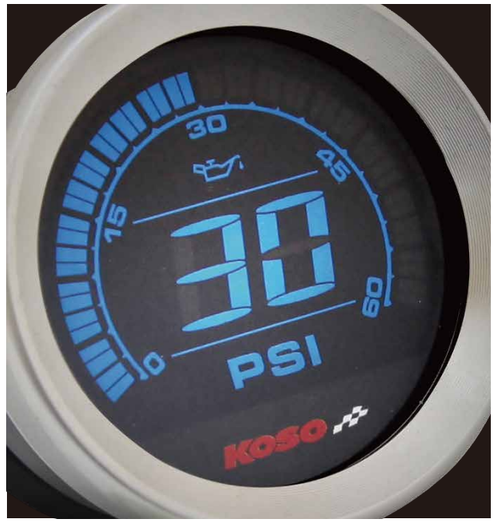
Blue/Red 0~120°F Black

HD-02P 2" Oil Pressure Meter

Equipped with a 2 colors changeable LCD display, this plug & play oil pressure meter will provide the engine oil pressure from 0 to 60 PSI. Easy to connect and install, this meter is a great addition to all Harley's FLHT, FLHX and FLTR from 2004 to 2013.



●Oil press	Display range:0~60 PSI Display unit:1 PSI
●Oil press alarm	Setting range:5~60 PSI Setting unit:0.1 PSI
●**Supply voltage**	**DC 12V**
●Effective temperature range	-10~+60°C
●Meter standard	JIS D 0203
●Meter size (D X H)	D57.5 X 47.3 mm
●Meter weight	Around 190 g



Item number

Backlight color Display range Casing

★BA050410★

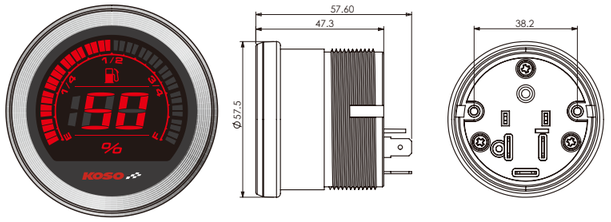
Blue/Red 0~120°F Chrome

★BA050430★

Blue/Red 0~120°F Black

HD-02F 2" Fuel Meter

Equipped with a 2 colors changeable LCD display, this plug & play fuel meter will precisely display the percentage of fuel left in the tank. Easy to connect and install, this meter is a great addition to all Harley's FLHT, FLHX and FLTR from 2004 to 2013.

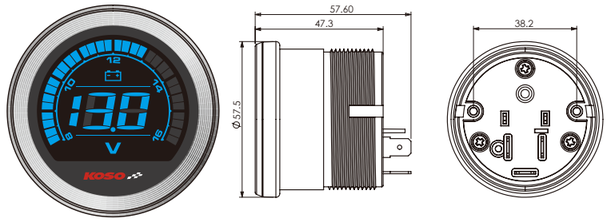


●Fuel meter	Display range:0~100% Display unit:1%
●Insufficient fuel waring	Setting range:0~30% Setting unit:1%
●**Supply voltage**	**DC 12V**
●Effective temperature range	-10~+60°C
●Effective temperature range	JIS D 0203
●Meter standard	
●Meter size (D X H)	D57.5 X 47.3 mm
●Meter weight	

Item number	Backlight color	Display range	Casing
★BA050200★	Blue/Red	0~100%	Chrome
★BA050210★	Blue/Red	0~100%	Black

HD-02V 2" Volt Meter

Equipped witha 2 colors changeable LCD display, this plug & play volt meter will provide you the battery voltage from 8 to 16 volts DC. Easy to connect and install, this meter is a great addition to all Harley's FLHT, FLHX and FLTR from 2004 to 2013.



●Volt meter	Display range:8.0~16.0V Display unit:0.1V
●Volt waring	Setting range:8.0~16.0V Setting unit:0.1V
●**Supply voltage**	**DC 12V**
●Effective temperature range	-10~+60°C
●Meter standard	JIS D 0203
●Meter size (D X H)	D57.5 X 47.3 mm
●Meter weight	

Item number	Backlight color	Display range	Casing
★BA050300★	Blue/Red	8.0~16.0 V	Chrome
★BA050310★	Blue/Red	8.0~16.0 V	Black

Harley-Davidson
HD-03X

NEW !

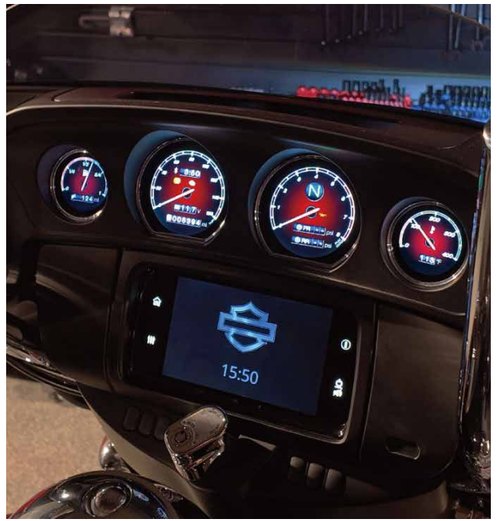
●Speedometer	Display range : 0~299 km/h (0~199 MPH) Display unit : 1 km/h (MPH)
●Odometer	Display range : 0~999,999 km (mile) and then return to zero Display unit : 1 km (mile)
●Current trip meter	Display range : 0.0~999.9 km (mile), automatically return to 0 after turning off the engine. Display unit : 0.1 km (mile)
○Trip meter A, B	Display range : 0.0~9,999.9 km (mile), may return to zero manually Display unit : 0.1 km (mile)
○Overspeed warning	Setting range : 30~299 km/h (20~199 MPH) Setting unit : 1 km/h (MPH)
○Current AVG Speed A, B	Display range : 0~299 km/h (0~199 MPH), automatically return to 0 after turning off the engine. Display unit : 1 km/h (MPH)
○Current top speed record	Display range : 0~299 km/h (0~199 MPH), automatically return to 0 after turning off the engine. Display unit : 1 km/h (MPH)
○Max. speed record	Display range : 0~299 km/h (0~199 MPH) Display unit : 1 km/h (MPH)
●Current riding time	Display range : 00:00~99:59, automatically return to 0 after turning off the engine.
●Mileage maintenance	Display range : -999~16,000 km (-999~10,000 mile), may reset manually. Setting range : 500~16,000 km (300~10,000 mile) , OFF Setting unit : 100 km (mile)
●Gear meter	Display range : -, N, P, R, 1~6
○Max. Gear record	Display range : -, N, P, R, 1~6,may return to zero manually
●Tachometer	Display range : 0~8,000 RPM Display unit : 10 RPM
○Shift light warning	Setting range : 1,000~8,000 RPM Setting unit : 100 RPM
○Max. rotating speed	Display range : 0~8,000 RPM, may return to zero manually
●Horsepower	Display range : 8.8~200.0 HP (6.5~149.2 kW)
●G-Force	Display range : 0~2.0 G Display unit : 0.1 G
●Thermometer	Display range : 32~248 °C (0~400 °F) Display unit : 1 °C (°F)
○Overheat warning	Setting range : 60~250 °C (140~482 °F), when setting value is reach, texts will turn red as a warning. Setting unit : 1 °C (°F)
●Cylinder Head Temperature Gauge	Display range : -40~300 °C (-40~572 °F) Display unit : 1 °C (°F)
○Max. temperature record	Display range : -40~300 °C (-40~572 °F) ,may return to zero manually Display unit : 1 °C (°F)
●Air thermometer	Display range : -20~60 °C (-4~140 °F) Display unit : 1 °C (°F)
●Fuel gauge	Display range : 0~100% Display unit : 1%
○Fuel warning	Setting range : HD Standard (greater than 211Ω, and will turn off smaller than 187Ω),Customize (lower then 20%, and will turn off higher than 30%) , when setting value is reach or below, warning light will lit.
●ØCONS	Display range : 0.0~99.9 (L/100km, km/L) / 0.0~999.9 (MPG(US), MPG(UK)) Display unit : L/100km, km/L, MPG(US), MPG(UK)
●Remaining Mileage	Display range : 0~9,999 km (mile) Display unit : 1 km (mile)
○Remaining Mileage warning	Display range : "LO" will be displayed when value is below 16 km (10 mile)
●Clock	Setting range : 00:00~23:59 (24H) 01:00~12:59 (12H)
●Voltmeter	Display range : DC 8.0~18.0 V Display unit : DC 0.1 V
●Shock pressure gauge	Display range : ---, 0 ~ 150 psi, 0~1034 kPa, 0.0 ~ 10.3 bar Display unit : 1 PSI, 1 kPa, 0.1 bar
○Shock pressure gauge calibration	Display range : 0 ~ 25 psi±1 psi Display unit : 1 psi
●Tire pressure	Display range :---, Hi, 0~73 psi, 0~506 kPa, 0.0 ~ 5.0 bar Display unit : 1 psi, 1 kPa, 0.1 bar
●Altitude	Display range : 0~10,000 m (0~32,800 ft)
●Compass	Display range : N, NE, E, SE, S, SW, W, NW
●Angle	Display range : 0~360°
●DTC diagnosis	Display range : Six-digit error code
●Target speed	Setting range : 30~290 km/h (20~180 MPH) Setting unit : 5 km/h (MPH)
●Target distance	Setting range : 50~1,500 m (1/32~30/32 mile) Setting unit : 50 m (1/32 mile)
●Top speed	Display range Speed :0~299 km/h (0~199 MPH) Distance : 0~999 m (0~3,280 feet) Rotating speed : 0~8,000 RPM Time : 0~9 : 59'99
○Best performance indication sign	Display range : The indication sign is displayed for the shortest time.
●Starting animation	Display range : 3 seconds
●Mobile phone connection status	Display range : Steady(connected), OFF(Not connected)
●Background display	Setting range : Auto(automatically switch according to the light : day mode display for the bright environment and Night mode display for the dark environment), Day mode, Night mode.
○Back light brightness (Day)	Setting range : 1/5~5/5(Brightest) Setting unit : 1/5
○Back light brightness (Night)	Setting range : 1/5(Darkest)~5/5(Brightest) Setting unit : 1/5
○Backlight color	Setting range : white, red, orange, yellow, green, blue, purple
●UI style	Setting range : Analogue, Digital
●Unit	Speed unit : km/h , MPH Temperature unit : °C (Celsius) and °F (Fahrenheit) CONS unit : L/100km, km/L, MPG(US), MPG(UK) Tire pressure unit : PSI, kPa, bar
●language	English (Extensive functions of Bluetooth are displayed based on the language transmitted by the mobile phone)
●Voltage	DC 12 V
●Operating temperature	-20~ 85 °C
○Storage temperature	-30~ 90 °C
●Specification	JIS D 0203 (S2)
●Meter Weight (Speedo & Tacho)	320 grams
○Meter Weight(Oil Temp.)	83 grams
○Meter Weight(Fuel Level)	83 grams
●Indicator	Left indicator light(Green) Low fuel warning light (Amber) Cruise light (Green/Amber) Fog Light (Green) Rain mode light (Blue) Engine warning light (Amber) ABS light (Red) TCS light (Amber) VHC light (Amber) High beam light (Blue) Warning light (Green/Amber) Oil pressure light (Red) Voltage light (Red) Temperature warning light (Red) TPMS light (Amber) Right indicator light (Green) IMMO anti-theft light(Red) Light sensing

Item number	Backlight color	Display range	Casing
＊B A 0 6 4 9 3 0＊	Multi	0~299 km/h	Black

KOSO Harley Touring 4pcs Kit For 2014+2023

This plug and play TFT gauge set for Harley-Davidson Baggers 2014 to 2023 features a smartphone integration that gives you full control of your dashboard directly from your device. Connect your gauges to your phone with the K Link app and monitor real-time data of your bike: speed, fuel level, oil temperature, gear indicator, RPM, best performance, horsepower, tire pressure and more. You can even see your vehicle's location on the app and never have to search for it again in crowded places!

Match your motorcycle's style by instantly changing between the analog and digital interface, as well as 7 different backlight colors, providing up to 14 unique display combinations. The K Link app also allows you to check your system health and maintenance with its diagnostics feature.



Harley-Davidson
HD-03

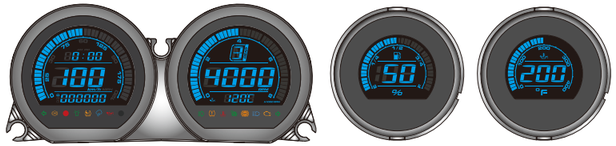
NEW !

●Speedometer	Display range：0 ~ 299 km/h (0~199 MPH) switchable
○Overspeed warning setting	Setting range：30 ~ 299 km/h (19 ~ 199 MPH) when above(including) setting value, warning light will lit.
○Max. speed record	Display range：0 ~ 299 km (mile)
○Internal and external odometer	Display range：0 ~999,999 km (mile)
○Tire circumference	Setting range：50 ~ 210 %
○Trip meter A、B	Display range：0 ~ 9,999.9 km (mile)
○Millage maintenance	Setting range：off、500 ~ 16,000 km ~ -999 km (mile)
●Gear meter	Display range：off、N、P、R、1~6
●Tachometer	Display range：0 ~ 9,990 RPM
○RPM shift light	Display range：2,000 ~ 8,000 RPM
○Max. rotating speed	Display range: 0 ~ 8,000 RPM
●Engine temperature	Setting range：-40 ~ 300 °C (-40 ~ 572 °F)
●Fuel meter	Setting range：HD Std、Cust
○Fuel warning setting	Setting range：1. HD Standard - LCD flashing as warning when Fuel level resistance greater than 211Ω, and will turn off when resistance smaller than 187Ω. 2. Customize - LCD flashing as warning when Fuel level lower than 20%, and will turn off when fuel level higher than 30%.
○Fuel tank volume	Setting range：OFF/ 1.0 ~ 9.9 US gallons
○Average fuel consumption	Setting range：OFF、L/100km、km/L、MPG、MPG
●RANGE / Remaining Mileage	Display range：0 ~ 9,999 km (6,249 mile)
●RANGE / Remaining Mileage Warning	Display range：LCD shows "LO RNG" and flashing as warning when RNAGE / Remaining Mileage lower than 16km (10miles).
●Clock	Setting range：12 / 24 hour format
●Oil Temp.	Display range：0 ~ 400 °F (32 ~ 248 °C)
●Voltmeter	Display range：8 ~ 18 V
●Backlight brightness	Setting range：1 ~ 5 (darkest) ~ 5 / 5 (brightest)
○Backlight color	Setting range：white, red, orange, yellow, green, blue, light blue, purple
●Operating voltage	DC 12 V
●Temperature range	JIS D 0203 (S2)

●Indication light

Left indicator light (Green)	Fog Light (Green)
Vehicle hold control (Orange)	TPMS (Orange)
Security indicator (Red)	Temperature warning (Red)
Warning Light (Orange/Green)	Cruise control (Amber/Green)
Traction control (Orange)	ABS (Orange)
Rain mode (Blue)	High beam (Blue)
Oil pressure (Red)	Engine warning (Orange)
Photometric Sensing	Right indicator light (Green)

Item number
Backlight color Display range Casing



★B A 0 6 4 9 0 2★
Blue 0~299 km/h Black

KOSO Harley Touring 4pcs Kit For 2014+

Our plug & play multifunction speedometer & tachometer kit is equipped with a 2 color changeable LCD display. These meters provide the basic function of speed, RPM, gear position, odometer and tripmeter. They also include a clock and all the necessary indicator lights and are easy to connect and install. These meters are a great addition to all Harley-Davidson® FLHX, FLTC and FLTR 2021+.

FOR 2021+ SPEEDO & TACHO / OIL TEMP. / FUEL LEVEL

Harley-Davidson
HD-04

●Speedometer	Display range : 0 ~360 km/h (0 ~ 255 MPH) switchable Display unit: 1 km/h (MPH)
○Display interval	<0.5 second
○Internal and external odometer	Display range : 0 ~ 999,999 km (mile) return to zero upon exceed Display unit : 1 km (mile)
○Trip meterA,B	Display range : 0 ~ 9,999.9 km (mile) returns to zero upon exceed Display unit : 0.1 km (mile)
○Tire circumference	Setting range : 50 ~ 210 % Setting unit : 1 %
●Gear meter	Display range : off, highest gear, N and highest gear, show all (N / 1 ~ 6)
●Tachometer	Display Range : 0 ~ 8,000 RPM
○RPM shift light	Setting range : 2,000 ~ 8,000 RPM Warning lights on when exceed setting value (including). Setting unit : 100 RPM
○Max. RPM warning mode	Setting range : F-OFF (Lit.), F-ON (blink)
●Engine temperature	Setting range : -40 ~ 300 °C (-40 ~ 572 °F)
●Fuel meter	Display range : off,original fuel kit (PN 6120008A), Sportster fuel switch.Dyna
○Fuel tank volume	Setting range : OFF/ 1.0 ~ 9.9 US gallons
○Average fuel consumption	Display range : OFF 、L/100km 、km/L 、MPG (US spec.) 、MPG (UK spec)
●Clock	Setting range : 12 / 24 hour format
●Voltmeter	Display range : 8 ~ 18 V
●Backlight brigntness	Setting range : 1 / 5 (darkest) ~5 / 5 (brightest)
○Backlight color	Setting range : red, orange, yellow, green, blue, light blue, purple, white
●Millage maintenance	Setting range : Off. 500 ~ 16,000 km (300 ~ 10,000 mile) Setting unit : 100 km (mile)
●Operating voltage	DC 12 V
●Temperature range	-10 ~ +60 °C
●Specifications	JIS D 0203 (S2)
●Meter size	D94.7 X 55.8 mm
●Meter weight	165 grams
●Indication light	RPM shift light (Red light) Low fuel warning light (Yellow light) Engine check light (Yellow light) Battery discharge light (Red light) Security light (Red light) Cruise light (Orange / Green light) ABS light (Yellow light)

HD-04 Harley Sportster Meter For 04'-13' / 2014+ Meter

You can now customize your sportster with our high-quality plug & play meter that is equipped with a 8 color changeable LCD display. Some of the great functions this meter has to offer are : speed, RPM, indicator lights,fuel level, and gear position indicator. Available in silver or black bezel.

Item number

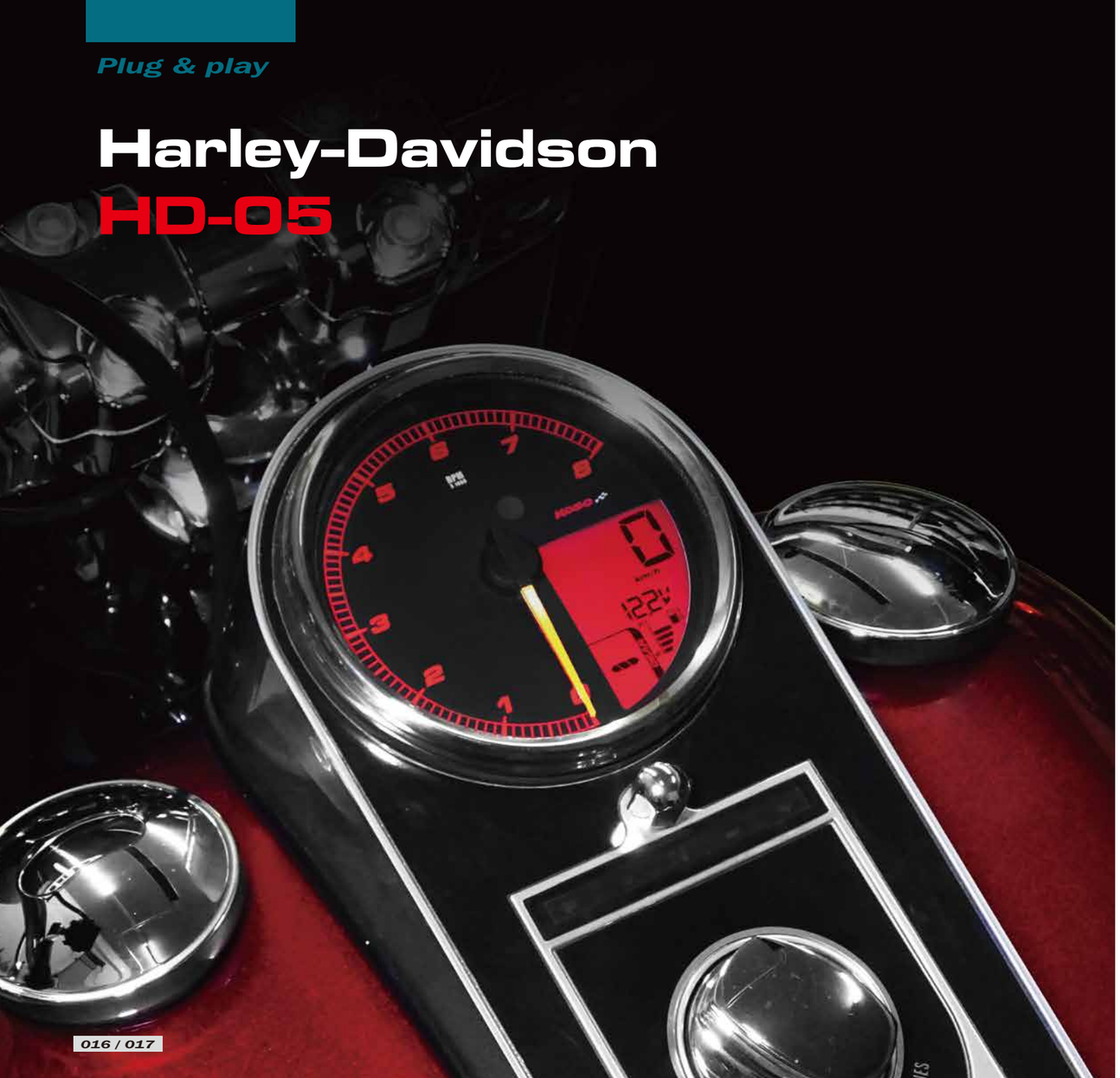
LCD	Models	Bezel	
* B A 0 5 1 2 0 0 *	Negative	04'-13'	Silver
* B A 0 5 1 2 0 1 *	Positive	04'-13'	Silver
* B A 0 5 1 2 1 0 *	Negative	04'-13'	Black
* B A 0 5 1 2 1 1 *	Positive	04'-13'	Black

Fits XL-883 & XL-1200
2004 to 2013 & Dyna 2004-2011

* B A 0 5 1 2 2 0 *	Negative	2014+	Silver
* B A 0 5 1 2 2 1 *	Positive	2014+	Silver
* B A 0 5 1 2 3 0 *	Negative	2014+	Black
* B A 0 5 1 2 3 1 *	Positive	2014+	Black

Fits XL-883 & XL-1200
2014+, Softail 2011+ & Dyna 2012+

Harley-Davidson
HD-05



●Speedometer	Display range : 0 ~360 km/h (0 ~ 225 MPH) switchable Display unit : 1 km/h (MPH)
○Display interval	<0.5 second
○Internal and external odometer	Display range : 0 ~ 999,999 km (miles) return to zero upon exceeding Display unit : 1 km (mile)
○Trip meterA,B	Display range : 0 ~ 9,999.9 km (miles) returns to zero upon exceeding Display unit : 0.1 km (mile)
○Tire circumference	Setting range : 50 ~ 210 % Setting unit : 1 %
●Gear meter	Display range : off, highest gear, N and highest gear, show all (N / 1 ~ 6)
●Tachometer	Display Range : 0 ~ 8,000 RPM
○RPM shift light	Setting range : 2,000 ~ 8,000 RPM Warning lights on when exceed setting value (including). Setting unit : 100 RPM
○Max. RPM warning mode	Setting range : F-OFF (Lit.), F-ON (blink)
●Engine temperature	Setting range : -40 ~ 300 °C (-40 ~ 572 °F)
●Fuel meter	Display range : off, Dyna
○Fuel tank volume	Setting range : OFF/ 1.0 ~ 9.9 US gallons
○Average fuel consumption	Display range : OFF 、L/100 km、km/L 、MPG (US spec.) 、MPG (UK spec)
●Clock	Setting range : 12 / 24 hour format
●Voltmeter	Display range : 8 ~ 18 V
●Backlight brigntness	Setting range : 1 / 5 (darkest) ~5 / 5 (brightest)
○Backlight color	Setting range : red, orange, yellow, green, blue, light blue, purple, white
●Mileage maintenance	Setting range : Off. 500 ~ 16,000 km (300 ~ 10,000 mile) Setting unit : 100 km (miles)
●Operating voltage	DC 12 V
●Temperature range	-10 ~ +60 °C
●Specifications	JIS D 0203 (S2)
●Meter size	D117 X 45 mm
●Meter weight	208.5 grams
●Indication light	RPM shift light (Red light) Low fuel warning light (Amber light) Engine check light (Amber light) Battery discharge light (Red light) Security light (Red light) Cruise light (Amber / Green light) ABS light (Amber light)

HD-05 Harley Dyna Meter For 04'-13' / 2014+ Meter

The all-new 100% plug and play HD-05 series for 4 ½" gas tank mounted Harley-Davidson models features a tach and speedo combo with a programmable shift light with gear indicator. This gauge also features vital readings such as engine temperature and battery voltage along with average fuel economy and a complete system of indicators to monitor your bikes vital signs.

Item number

LCD	Models	Bezel	
* B A 0 7 2 0 0 *	Positive	2014+	Silver
* B A 0 7 2 0 0 1 *	Negative	2014+	Silver
* B A 0 7 2 0 1 0 *	Positive	2014+	Black
* B A 0 7 2 0 1 1 *	Negative	2014+	Black

2012 to newer Dyna models
2011 to newer Softails models
2014 to newer Road King models

* B A 0 7 2 1 0 0 *	Positive	04'-13'	Silver
* B A 0 7 2 1 0 1 *	Negative	04'-13'	Silver
* B A 0 7 2 1 1 0 *	Positive	04'-13'	Black
* B A 0 7 2 1 1 1 *	Negative	04'-13'	Black

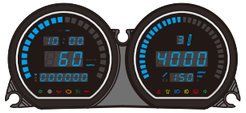
2004 to 2011 Dyna models
2004 to 2010 Softails models
2004 to 2013 Road King models

Harley-Davidson
HD-06

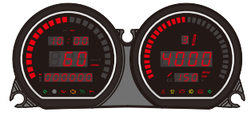
NEW !

● Speedometer	Display range : 0 ~ 299 km/h (0~199 MPH) switchable Display unit : 1 km/h (MPH)
○ Display interval	<0.5 second
○ Overspeed warning setting	Setting range : 30 ~ 299 km/h (19 ~ 199 MPH) when above(including) setting value, warning light will lit. Setting unit : 1 km/h (MPH)
○ Max. speed record	Display range : 0 ~ 299 km (0 ~ 199mile)
○ Internal and external odometer	Display range : 0 ~999,999 km(mile) Display unit : 1 km(mile)
○ Tire circumference	Setting range : 50 ~ 210 % Setting unit : 1 %
○ Trip meter A、B	Display range : 0 ~ 9,999.9 km (mile) Display unit : 0.1 km (mile)
○ Mileage maintenance	Setting range : off、500 ~ 16,000 km (300 ~ 10,000 mile)~ -999 km (mile), decrease according to the increase in total mileage. Setting unit : 1 km (mile)
● Gear meter	Display range : off、N、P、R、1、2、3、4、5、6
● Tachometer	Display range : 0 ~ 9,990 RPM Display unit : 10 RPM
○ RPM shift light	Display range : 2,000 ~ 8,000 RPM Warning lights on when exceed setting value (including). Setting unit : 100 RPM
○ Max. rotating speed	Display range : 0 ~ 8,000 RPM Display unit : 100 RPM
● Engine temperature	Setting range : -40 ~ 300 °C (-40 ~ 572 °F)
● Fuel meter	Setting range : HD Std / Cust
○ Fuel warning setting	Setting range : 1. HD Standard - LCD flashing as warning when Fuel level resistance greater than 211Ω, and will turn off when resistance smaller than 187Ω. 2. Customize - LCD flashing as warning when Fuel level lower than 20%, and will turn off when fuel level higher than 30%.

Item number
Backlight color Display range Casing



★BA064911★
Blue 0~299 km/h Black



★BA064921★
Red 0~299 km/h Black

HD-06 Harley Touring LED Instrument Kit for 2014+

Our plug & play multifunction speedometer & tachometer kit is equipped with adjustable brightness LED display. These meters provide the basic function of speed, RPM, gear position, odometer and trip meter. They also include a clock and all the necessary indicator lights and are easy to connect and install. These meters are a great addition to all Harley-Davidson® FLHX, FLTC and FLTR from 2014 to 2017.

○ Fuel tank volume	Setting range : OFF / 1.0 ~ 9.9 US gallons
○ Average fuel consumption	Setting range : OFF、L/100km、km/L、MPG (US spec.)、MPG(UK spec.)
● RANGE / Remaining Mileage	Display range : 0 ~ 9,999 km (6,249 miles) Display unit : 1 km (mile)
○ RANGE / Remaining Mileage Warning	Display range : LCD shows "LO RNG" and flashing as warning when RANGE / Remaining Mileage lower than 16 km (10 miles).
● Clock	Setting range : 12 / 24 hour format
● Oil Temp.	Display range : 0 ~ 400 °F (32 ~ 248 °C) Display unit : 1 °C (°F)
○ Max. Oil Temp. record	Display range : 0 ~ 400 °F (32 ~ 248 °C)
● Air Pressure Gauge	Display range : Display --- when no sensor is installed, 0 ~ 150 PSI Display unit : 1 PSI
● Air Pressure Gauge Calibration	Calibration range : 0 ~ 25 PSI±1PSI Calibration unit : 1 PSI Default value : 0 PSI
● Backlight brightness	Setting range : 1 / 5 (darkest) ~ 5 / 5 (brightest)
● Operating voltage	DC 12 V
● Temperature range	-10 ~ +60 °C
● Specifications	JIS D 0203 (S2)
● Meter Weight - Speedo & Tacho	286 grams
● Meter Weight - Oil Temp.	81 grams
● Meter Weight - Fuel Level	81 grams

● Indicators

Turn signal (Green)		Water temperature (Blue)	
Photometric Sensing		Warning Light (Orange/Green)	
Oil (Red)		High beam (Blue)	
Engine warning (Yellow)		Fog Light (Green)	
Constant speed (Orange / Green)		ABS (Yellow)	
Security (Red)		Turn signal (Green)	

FOR FLHX, FLTC & FLTR FROM 2014 TO 2017

Harley-Davidson
D2

●Speedometer	Display range : 0~199 km (0~124 mile) switchable Display unit : 1 km (mile)
○Display interval	<0.5 second
○Internal and external odometer	Display range : 000,000~999,999 km (mile) returns to zero upon exceeding Display unit : 1 km (mile)
○Trip meter A,B	Display range : 0,000.0~9,999.9 km (mile) returns to zero upon exceeding Display unit : 0.1 km (mile)
○Tire circumference	Setting range : 50 ~ 210 % Setting unit : 1 %
●Tachometer	Display range : 0 ~ 10,000 RPM
○Shift light warning	Setting range : 2,000 ~ 10,000 RPM When it is higher than the setting value (including), the backlight will blink in red and white as a warning. Setting unit : 100 RPM
●Engine temperature	Setting range : -39 ~ 300 °C (-38 ~ 572 °F)
●Clock	Setting range : 12 / 24 hour format
●Voltmeter	Display range : 8 ~ 18 V
●Backlight brightness	Setting range : 1 /5(darkest)~ 5 / 5(brightest)
○Backlight color	Setting range : white, red, orange, yellow, green, blue, light blue, purple
●Mileage maintenance	Setting range : Off, 500 ~ 16,000 km(300 ~ 10,000 mile) Setting unit : 100 km (miles)
●Tire pressure	**(TPMS, FR/RR/LR shall be displayed when the vehicle supports TPMS)** Display range : ---, Hi, 0~73 PSI, 0~506 kPa, 0.0~5.0 bar Display unit : 1 PSI, 1 kPa, 0.1 bar
●Fuel meter	Display range : 10 levels
●Operating voltage	DC 12 V
●Operating temperature	-20~85 °C
○Storage temperature	-30~90 °C
●Specifications	JIS D 0203 (S2)
●Meter size	88.1 x 67.0 x 35.2 mm
●Meter weight	Around 70 g
●Indication light	Right indication light (Green) Security light (Red) ABS light (Amber) Motor oil light (Red) Neutral light (Green) High beam light (Blue) Low fuel warning light (Amber) Left indication light (Green) Fog light (Green) Battery discharge light (Red) Engine light (Amber) Cruise light (Green/Amber) Tire pressure warning light (Amber)

D2 | multifunction meter
For 2018-2022 Street Bob

You can now customize your Street Bob with our new high quality 100% plug & play meter that is equipped with an 8-color changeable LCD display. This gauge features a tach and speedo combo with a programmable shift light and includes a gear indicator for easily seeing what gear you're in.

This gauge also features vital readings such as engine temperature, battery voltage, tire pressure and a complete system of indicator lights to monitor your bikes vital signs. This gauge will fit directly into the stock harness and works directly with your bikes CANBUS system.

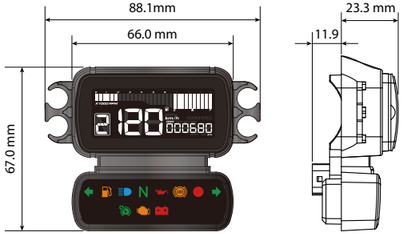
Item number	
Display	Models

★ B A 0 8 0 0 0 0 ★
Negative 18'-22'

D2 | multifunction meter
For DYNA / SOFTTAIL / 883

Whether you have a Dyna, Softail, Sportster or Roadking model, this new D2 plug and play multifunction meter will provide you vital readings such as engine temperature, battery voltage, tire pressure and a complete system of indicator lights to monitor your bike's vital signs. This gauge will fit directly into the stock harness and work with your bike's CANBUS system.

It also features a tach and speedo combo with a programmable shift light, a gear indicator for easily seeing what gear you're in and an 8-color changeable LCD display.



●Speedometer	Display range : 0~199 km (0~124 mile) switchable Display unit : 1 km (mile)
○Internal and external odometer	Display range : 000,000~999,999 km (mile) returns to zero upon exceeding Display unit : 1 km (mile)
○Trip meter A,B	Display range : 0,000.0~9,999.9 km (mile) returns to zero upon exceeding Display unit : 0.1 km (mile)
○Tire circumference	Setting range : 50 ~ 210 % Setting unit : 1 %
●Tachometer	Display range : 0 ~ 10,000 RPM
○Shift light warning	Setting range : 2,000 ~ 10,000 RPM When it is higher than the setting value (including), the backlight will blink in red and white as a warning. Setting unit : 100 RPM
●Engine temperature	Setting range : -40 ~ 300 °C (-40 ~ 572 °F)
●Fuel meter	Setting range : OFF, Sporster fuel volume switch original fuel kit (PN 6120008A), Dyna, CUSt (User define)
○Fuel tank volume	Setting range : OFF/ 1.0 ~ 9.9 US gallons
○Average fuel consumption	Display range : OFF, L/100km, km/L, MPG (US spec.), MPG (UK spec)

Item number

Display / Models

BA080010 Negative 04'-13'

BA080020 Negative 14~

●Speedometer	Display range : 0~199 km (0~124 mile) switchable Display unit : 1 km (mile)
○Internal and external odometer	Display range : 000,000~999,999 km (mile) returns to zero upon exceeding Display unit : 1 km (mile)
○Trip meter A,B	Display range : 0,000.0~9,999.9 km (mile) returns to zero upon exceeding Display unit : 0.1 km (mile)
○Tire circumference	Setting range : 50 ~ 210 % Setting unit : 1 %
●Tachometer	Display range : 0 ~ 10,000 RPM
○Shift light warning	Setting range : 2,000 ~ 10,000 RPM When it is higher than the setting value (including), the backlight will blink in red and white as a warning. Setting unit : 100 RPM
●Engine temperature	Setting range : -40 ~ 300 °C (-40 ~ 572 °F)
●Fuel meter	Setting range : 10 levels
○Fuel tank volume	Setting range : OFF/ 1.0 ~ 9.9 US gallons
○Average fuel consumption	Display range : OFF, L/100km, km/L, MPG (US spec.), MPG (UK spec)
●Air Pressure Gauge	Display range : Display --- when no sensor is installed, 0 ~ 150 PSI, 0~1034 kPa, 0.0~10.3 bar Display unit : 1 PSI, 1 kPa , 0.1 bar

Item number

Display / Models

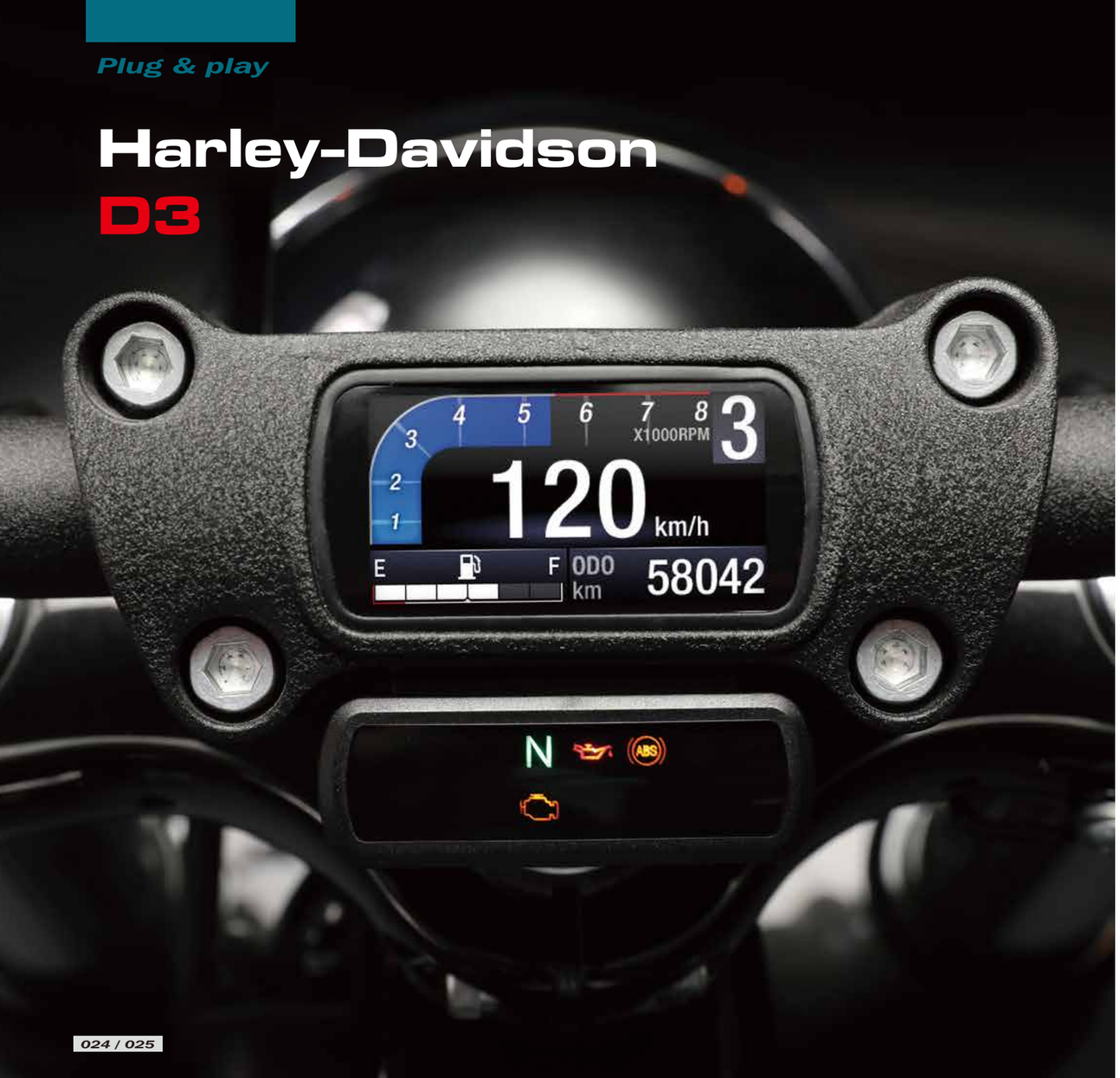
BA080030 Negative 14'~

D2 | multifunction meter
For Bagger 2014+

D2 plug and play multifunction meter will provide you vital readings such as engine temperature, battery voltage, tire pressure and a complete system of indicator lights to monitor your bike's vital signs. This gauge will fit directly into the stock harness and work with your bike's CANBUS system.

It also features a tach and speedo combo with a programmable shift light, a gear indicator for easily seeing what gear you're in and an 8-color changeable LCD display.

Harley-Davidson
D3



NEW !

●Speedometer	Display range : 0~199 km (0~124 mile) switchable Display unit : 1 km (mile)
○Display interval	<0.5 second
○Internal and external odometer	Display range : 000,000~999,999 km (mile) returns to zero upon exceeding Display unit : 1 km (mile)
○Trip meter A,B	Display range : 0,000.0~9,999.9 km (mile) returns to zero upon exceeding Display unit : 0.1 km (mile)
○Tire circumference	Setting range : 50 ~ 210 % Setting unit : 1 %
●Tachometer	Display range : 0 ~ 8,000 RPM
○Shift light warning	Setting range : 4,000 ~ 8,000 RPM When it is higher than the setting value (including), the backlight will blink in red and white as a warning. Setting unit : 100 RPM
●Engine temperature	Setting range : -39 ~ 300 °C (-38 ~ 572 °F)
●Clock	Setting range : 12 / 24 hour format
●Voltmeter	Display range : 8 ~ 18 V
●Backlight brigntness	Setting range : 1 /5(darkest)~ 5 / 5(brightest)
○Backlight color	Setting range : white, red, orange, green, cyan, blue, purple, black
○Backlight Type	Setting range : Digital, Classic
●Mileage maintenance	Setting range : Off, 500 ~ 16,000 km(300 ~ 10,000 mile) Setting unit : 100 km (miles)
●Tire pressure	**(TPMS, FR/RR/LR shall be displayed when the vehicle supports TPMS)** Display range : ---, Hi, 0~73 PSI, 0~506 kPa, 0.0~5.0 bar Display unit : 1 PSI, 1 kPa, 0.1 bar
●Fuel meter	Display range : 8 levels
●Operating voltage	DC 12 V
●Operating temperature	-20~85 °C
○Storage temperature	-30~90 °C
●Specifications	JIS D 0203 (S2)
●Meter size	88.2 x 67.0 x 35.2 mm
●Indication light	Right indication light (Green) Security light (Red) ABS light (Amber) Motor oil light (Red) Neutral light (Green) High beam light (Blue) Low fuel warning light (Amber) Left indication light (Green) Fog light (Green) Battery discharge light (Red) Engine light (Amber) Cruise light (Green/Amber) Tire pressure warning light (Amber) Traction Control light (Amber)

D3 | TFT LCD meter For 2018+ Street Bob

You can now customize your Street Bob with our new high quality 100% plug & play meter that is equipped with an TFT LCD display. This gauge features a tach and speedo combo with a programmable shift light and includes a gear indicator for easily seeing what gear you're in.

This gauge also features vital readings such as engine temperature, battery voltage, tire pressure and a complete system of indicator lights to monitor your bikes vital signs. This gauge will fit directly into the stock harness and works directly with your bikes CANBUS system.

Match your motorcycle's style by instantly changing between the classic and digital interface. The K Link app also allows you to check your system health and maintenance with its diagnostics feature.

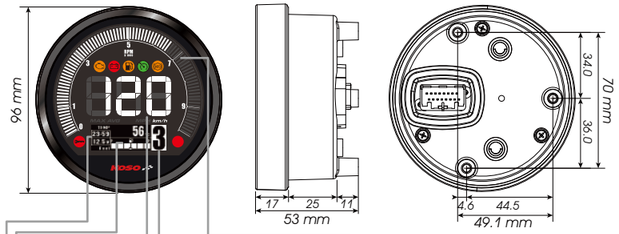
Item number	
Display	Models

★BA055000★	
Multi	18'~

DL-04 Harley Sportster Meter For 04'-13' / 2014+ Meter

Tired of the analog look? Change for something new and modern with our new version of the DL-04 plug and play gauge for Harley-Davidson®! Its classic round shape and high-tech negative LCD screen feature a variety of functions such as speed, odometer, tripmeter, hour meter, as well as 6 indicator lights. This gauge will give riders with a Harley-Davidson® all the information they need while giving an innovative look to their motorcycle.

NEW !



Speedometer
- Display range : 0 ~ 360 km/h (0 ~ 225 MPH)
- Display unit : 1 km/h (MPH)

Temperature
- Display range : -40~300 °C (-40~572 °F)
- Display unit : 1 °C (°F)

Fuel Meter
- Display range : 6 levels
- Setting Range : OFF, Dyna, Dyna-04, Dyna-09, Customer

Clock
- Setting range : 00:00~23:59 (24H) 01:00~12:59 (12H)

Voltmeter
- Display range : DC 8.0 ~ 18.0 V
- Display unit : DC 0.1 V

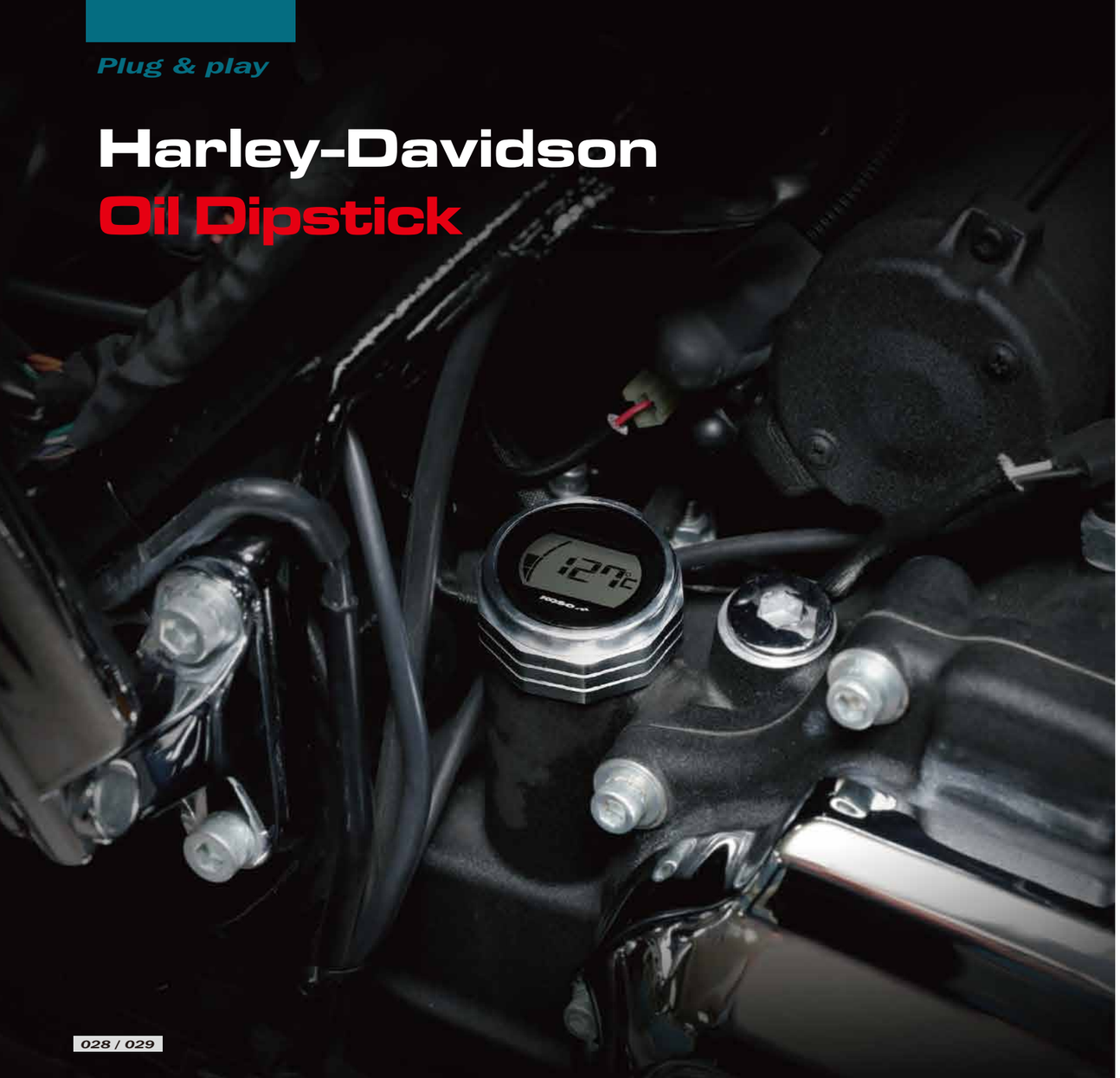
Tachometer
- Display range : 0~10,000 RPM
- Display unit : 111 RPM

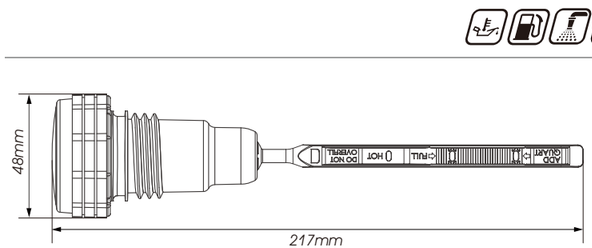
Gear Meter
- Display range : OFF, highest gear, N and highest gear, show all (N / 1 ~ 6)

Item number		
Display	Models	
★BA07400★	★BA07410★	
Negative	04'-13'	Negative 2014+
Fits XL-883 & XL-1200 2004 to 2013 & Dyna 2004-2011		Fits XL-883 & XL-1200 2014+, Softail 2011+ & Dyna 2012+

●Speedometer	Display range : 0 ~360 km/h (0 ~ 225 MPH) switchable Display unit : 1 km/h (MPH)
○Display interval	<0.5 second
○Internal and external odometer	Display range : 0 ~ 99,999 km (miles) return to zero upon exceeding Display unit : 1 km (mile)
○Trip meterA,B	Display range : 0 ~ 9,999.9 km (miles) returns to zero upon exceeding Display unit : 0.1 km (mile)
○Tire circumference	Setting range : 50 ~ 210 % Setting unit : 1 %
●Gear meter	Display range : off, highest gear, N and highest gear, show all (N / 1 ~ 6)
●Tachometer	Display Range : 0 ~ 10,000 RPM
○RPM shift light	Setting range : 2,000 ~ 10,000 RPM Warning lights on when exceed setting value (including). Setting unit : 100 RPM
○Max. RPM warning mode	Setting range : F-OFF (Lit.), F-ON (blink)
●Engine temperature	Setting range : -40 ~ 300 °C (-40 ~ 572 °F)
●Fuel meter	Display range : 6 levels Setting range : OFF, Dyna, Dyna-04, Dyna-09, Customer
○Fuel tank volume	Setting range : OFF/ 1.0 ~ 17.9 US gallons
○Average fuel consumption	Display range : OFF 、L/100 km、km/L 、MPG (US spec.) 、MPG (UK spec)
●Clock	Setting range : 12 / 24 hour format
●Voltmeter	Display range : 8 ~ 18 V)
●Backlight brightness	Setting range : 1 / 5 (darkest) ~5 / 5 (brightest
●Mileage maintenance	Setting range : Off. 500 ~ 16,000 km (300 ~ 10,000 mile) Setting unit : 100 km (miles)
●Operating voltage	DC 12 V
●Operating temperature	-20 ~ +85 °C
●Specifications	JIS D 0203 (S2)
●Meter size	D 96 mm
●Meter weight	About 184 g
●Indication light	RPM shift light (Red light) Low fuel warning light (Amber light) Engine check light (Amber light) Battery discharge light (Red light) Security light (Red light) Cruise light (Amber / Green light) ABS light (Amber light)

Harley-Davidson
Oil Dipstick





● Thermometer	Display range : 0~150°C (32~302°F) Display Unit:1°C(°F)
● Fuel meter	Display range:1~4 level
● Low battery warning	When low battery warning appears, battery replacement is needed to keep the dipstick accurate.
● Battery specification	CR2032
● Meter working temperature	-10~60°C
● Meter standard	JIS D 0203(S2)
● Meter size	217x48 mm
● Meter weight	About 273 g

Oil Dipstick

The Harley Davidson Oil dipstick by Koso is a fast and simple solution to verifying oil level as well as temperature. The push to power technology provides the ability to check your bike's oil vital signs on the go or at a red light with ease.

Item number	Dispaly	Touring models	Casing
★BA053001★	Positive	07'-16'	Black
★BA053000★	Negative	07'-16'	Black
★BA053011★	Positive	07'-16'	Silver
★BA053010★	Negative	07'-16'	Silver
★BA053101★	Positive	2017+	Black
★BA053100★	Negative	2017+	Black
★BA053110★	Negative	2017+	Silver
★BA053111★	Positive	2017+	Silver

E-mark approval

KOSO Yamaha BOLT Meter

Plug & Play meter for YAMAHA BOLT 950, fully equipped with all function you need. Such as tachometer, speedometer, odometer, trip meter, shift light, fuel level, indicator lights and so on. Special design with 7 color changeable display to allow you customize your favor backlight color during your riding to maximize the fun!

This meter suitable for YAMAHA BOLT both R-spec and C-spec up to year 2016 models.

Speedometer
- Speedometer：0~360 km (0~225 mile)
- Display unit：1 km (mile)

Motor oil maintenance millage
- Display range：User settings (500 ~ 16000km / 300 ~ 10000 mile) ~ -999 km (mile)、decrease according to the increase in total millage.
- Display unit：1 km(mile)

Clock
- Display range：12 / 24hour forment
  Engine temp.
- Display range：-30 ~ 225 °C (-22 ~ 437 °F)

Max. RPM
- Display range：0 ~ 8,000 RPM
- Display unit：100 RPM

Max. temperature record
- Display range：-30 ~ 225 °C (-22 ~ 437 °F)
- Display unit：0.1 km (mile)

Max gear level record
Display range：- (No display),N, 1 ~ 5 gear level
Record gear level when at maximum rpm.

Odometer
- Display range：000000 ~ 999999 km (mile)
  returns to zero upon exceed
- Setting unit：1 km (mile)

Trip meter A、B
- Display range：0000.0 ~ 9999.9 km (mile)
  returns to zero upon exceed
- Setting unit：0.1 km (mile)

fuel reserve tripmeter(TRIP-F)
- Display range：0000.0 ~ 9999.9 km (mile)
  returns to zero upon exceed
- Display unit：0.1 km (mile)

Indicator
- Round
- High beam
- Engine Check
- Turn signal
- Immobilizer system
- Oil
- ABS

Item number

Display	Display range	Casing

★BA051300★
Negative 0~360 km/h Chrome

★BA051301★
Positive 0~360 km/h Chrome

★BA051310★
Negative 0~360 km/h Black

★BA051311★
Positive 0~360 km/h Black

●Speedometer	Display range：0 ~ 360 km (0 ~ 225 mile) Display unit：1 km(mile)
●Overspeed warning setting	Setting range：30 ~ 360 km (19 ~ 225 mile) when above (including) setting value,warning light will lit.
●Max.speed record	Display range：0 ~ 360 km (0 ~ 225mile) Display range：0 ~ 999,999 km(mile)
●Speedometer	Display range：0 ~ 360 km (0 ~ 225 mile) Display unit：1 km(mile)
○Trip meterA、B	Display range：0 ~ 9,999.9 km(mile)
○Motor oil maintenance	Setting range：close、500 ~ 16,000 km (300 ~ 10,000 mile)
○fuel reserve tripmeter	Display range：0 ~ 9999.9km(mile)
●Tire percentage	Setting range：50 ~ 200 %
●Gear meter	Display range：- (No display), N,1 ~ 5 gear level
○Display interval	Display range：< 0.5 sec
○Max. gear level record	Display range：- (No display), N,1 ~ 5 gear level Record gear level when at maximum rpm
●RPM	Display range：0 ~ 8,000 RPM
○Shift light warning setting	Setting range：1,000 ~ 8,000 RPM when above (including) setting value,warning light will lit.
○Digital tachometer	Display range：0 ~ 8,000 RPM
●ABS indicator setting	Setting range：Close(OFF)、Open(ON)
●Thermometer	Display unit：°C , °F ,switchable
○Water temperature meter	Display range：-30 ~ 225°C (-22 ~ 437°F)
○Overheat warning setting	Setting range：60 ~ 225°C (140 ~ 437°F) when above(including) setting value,warning light will lit.
○Max. temperature record	Display range：-30 ~ 225°C (-22 ~ 437°F)
●Round indicator	speeding warning ligh,RPM shift light,over heat
○Warning cause	warning light,Low volt warning,Fuel warning,oil maintenance,Highest gear
○Warning method	Lit.(L),Slow flash(S),Flash(F)
●Fuel meter	Display range：(ON)、(OFF)、Flash
●Clock	Setting range：12 / 24 hour forment
●Under voltage warning	Setting range：8.0 ~ 18.0 V
●Back light brightness	Setting range：1 - 5(darkest)~ 5 - 5(brightest)
○Back light color	Setting range：red, orange, yellow, green, blue, light blue, purple, white, loop switch
●Operating voltage	DC 12 V
○Operating temperature	-10 + 60°C
○Specification	JIS D 0203 S2
○Meter Size	94.7 x 94.7 x 69.2 mm
○Meter Weight	Around 217 g
○Indicator	Round (red light), High beam (blue light), Engine Check (yellow light),Turn signal (green light), Immobilizer system indicator light (red light), Oil (red light), ABS (yellow light)

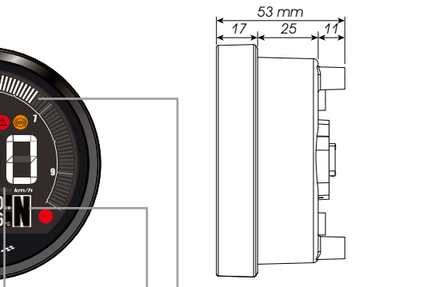
E-mark approval

DL-04
For Yamaha BOLT

With its classical round shape, Koso's newest addition to the DL-04 series is the perfect plug and play speedometer for Yamaha Bolt®.

Its innovative negative LCD screen features a variety of functions such as a gear indicator, 6 indicator lights, tachometer, voltage, clock and much more.

NEW !



Speedometer
- Display range : 0 ~ 360 km/h (0 ~ 225 MPH)
- Display unit : 1 km/h (MPH)

Temperature
- Display range : --- /-30~225 °C (-22~437 °F)
- Display unit : 1 °C (°F)

Clock
- Setting range : 00:00~23:59 (24H)
  01:00~12:59 (12H)

Voltmeter
- Display range : DC 8.0 ~ 18.0 V
- Display unit : DC 0.1 V

Tachometer
- Display range : 0~10,000 RPM
- Display unit : 100 RPM

Gear Meter
- Display range : -, N, 1~5 gear

Item number

●Speedometer	Display range : 0 ~ 360 km/h (0 ~ 225 MPH) Display unit : 1 km/h (MPH) Switchable
○Speeding warning setting	Setting range : 30~360 km/h (19~225 MPH),When exceeding the set value (inclusive), the value flickers and the warning signal will be lit according to the setting. Setting unit : 1 km/h (MPH)
○Max. speed record	Display range : 0 ~ 360 km/h (0 ~ 225 MPH), can return to zero manually Display unit : 1 km/h (MPH)
○Odometer	Setting range : 0 ~ 99,999 km (mile) Setting unit : 1 km (mile)
○Trip meter A, B	Display range : 0.0~9,999.9 km (mile), can return to zero manually Display unit : 0.1 km (mile)
●Motor oil maintenance (Trip O)	Display range : OFF, -999~16,000 km (-999~10,000 mile), can be reset manually Display unit : 1 km (mile)
○Motor oil maintenance warning	Setting range : OFF, 500 ~ 16,000 km (300~10,000 mile) When lower than 0 km (mile), the value shows on the screen and flickers for warning, and the warning signal will be lit according to the setting. Setting unit : 100 km (mile)
●Trip F	Display range : 0.0~9,999.9 km (mile), can be reset manually Display unit : 0.1 km (mile)
●Tire percentage	Setting range : 50~200 % Setting unit : 1 %
●Gear Meter	Display range : -, N, 1~5 gear
○Max. Gear record	Display range : -, N, 1~5 gear, can return to zero manually
●Tachometer	Display range : 0~10,000 RPM Display unit : 1,000 RPM (Large grid) / 111 RPM (Small grid)
○Shift light warning	Setting range : 1,000~10,000 RPM, When exceeding the set value (inclusive), the warning signal will be lit according to the setting. Setting unit : 100 RPM
○Max. RPM record	Display range : 0~10,000 RPM, can return to zero manually Display unit : 100 RPM
●Temperature	Display range : --- /-30~225 °C (-22~437 °F) Display unit : 1 °C (°F)
○Overheat warning setting	Setting range : 60~225 °C(140~437 °F), When exceeding the set warning value, the value flickers, and the warning signal will be lit according to the setting. Setting unit : 1 °C (°F)
○Max. temperature record	Display range : -30~225 °C (-22~437 °F), can return to zero manually Display unit : 1 °C (°F)
●Fuel meter	Display range : ON, OFF, unusual warning
●Clock	Setting range : 00:00~23:59 (24H) 01:00~12:59 (12H)
●Voltmeter	Display range : DC 8.0 ~ 18.0 V Display unit : DC 0.1 V
○Low voltage warning	Setting range : DC 8.0~13.0 V, When lower than the set warning value for over five seconds, the value flickers, and the warning signal will be lit according to the setting. Setting unit : DC 0.1 V
●Backlight brightness	Setting range : 1/5 (darkest)~ 5/5 (brightest) Setting unit : 1/5 (20%)
●Indicator	Check engine light (Amber) High beam light (Blue) Neutral light (Green) Warning light (Red) ABS light (Amber) Turn signal light (Green) Anti-theft light (Red)

E-mark approval

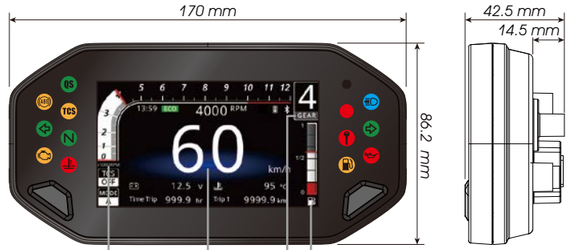
RX4
For Yamaha MT Series

*An additional bracket is required to make it fit in the original location for the MT-09 / XSR 700 / XSR 900.

With its modern look and features, this RX-4 speedometer is the perfect plug and play meter for the MT-07/MT-09 or the XSR 700 / XSR900 models.

Featuring speed, odometer, tripmeter, hour meter, voltage, clock and stopwatch as well as 6 indicator lights, this meter will provide you all the data you need.

NEW !



Speedometer
- Display range : 0 ~ 360 km/h (0 ~ 225 MPH)
- Display unit : 1 km/h (MPH)

Tachometer
- Display range :

MT-07 : 0 ~ 12,000 RPM
MT-09 : 0 ~ 13,000 RPM
XSR700 : 0 ~ 12,000 RPM
XSR900 : 0 ~ 13,000 RPM

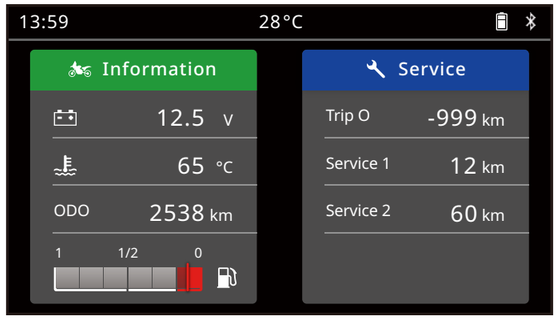
Fuel meter
- Display range : 6 levels
- Display unit : 1 level (16.6 %)

Fuel warning
- Display range : The warning value for low fuel shall be 1 segment and below, the warning signal will blink.

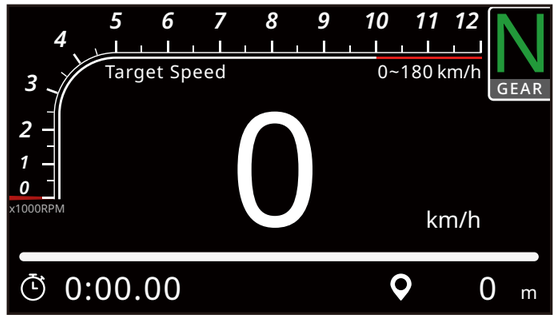
Gear Meter
- Display range : -, N, 1 ~ 6

Item number	Backlight color	Models
	4color	MT 07 (2014~2020) MT 09 (2014~2016) XRS 700 (2015~2021) XRS 900 (2016~2021)
	4color	MT 09 (2017~2020)
	4color	MT 07 (2021~)

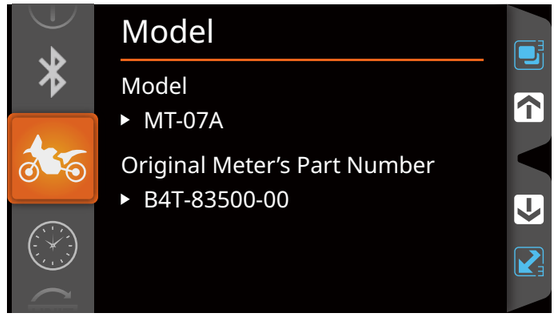
Display



●The Vehicle condition screen.



●The testing screen.



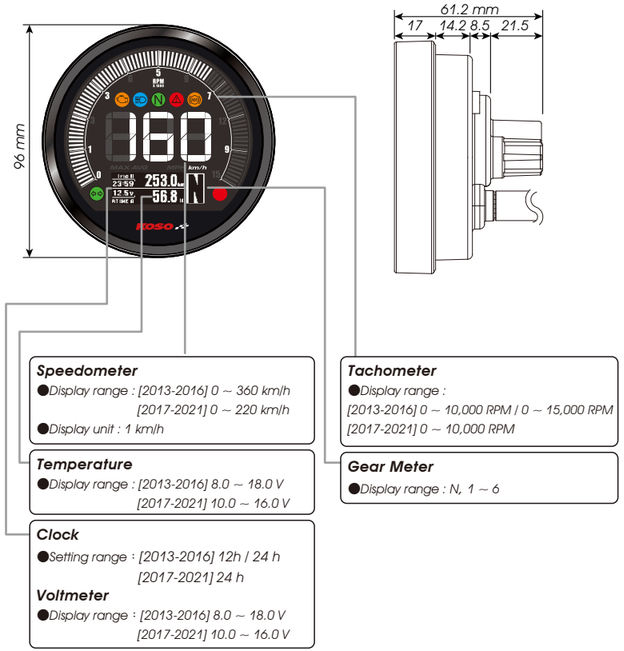
●The setting screen.

E-mark approval

DL-04
For BMW R nineT®

With its modern look, this DL-04 speedometer is the perfect plug and play meter for the BMW R nineT bikes.

Featuring speed, odometer, tripmeter, hour meter, voltage, clock and stopwatch as well as 6 indicator lights, this meter will give you all information you need.



Speedometer
- Display range : [2013-2016] 0 ~ 360 km/h
  [2017-2021] 0 ~ 220 km/h
- Display unit : 1 km/h

Temperature
- Display range : [2013-2016] 8.0 ~ 18.0 V
  [2017-2021] 10.0 ~ 16.0 V

Clock
- Setting range : [2013-2016] 12h / 24 h
  [2017-2021] 24 h

Voltmeter
- Display range : [2013-2016] 8.0 ~ 18.0 V
  [2017-2021] 10.0 ~ 16.0 V

Tachometer
- Display range :
  [2013-2016] 0 ~ 10,000 RPM / 0 ~ 15,000 RPM
  [2017-2021] 0 ~ 10,000 RPM

Gear Meter
- Display range : N, 1 ~ 6

●Speedometer	[2013-2016] Display range : 0 ~ 360 km/h [2017-2021] Display range : 0 ~ 220 km/h Display unit : 1 km/h
○Internal and external odometer	Display range : 0 ~ 99,999 km Display unit : 1 km (mile)
●Trip meter 1、2	Display range : 0 ~ 9,999.9 km Display unit : 0.1 km
●Trip meter A	Daily riding mileage Display range : 0 ~ 9,999.9 km Display unit : 0.1 km
●Gear	Display range : N、1 ~ 6
●Tachometer	[2013-2016] Display range : 0 ~ 10,000 RPM / 0 ~ 15,000 RPM [2017-2021] Display range : 0 ~ 10,000 RPM
●Clock	[2013-2016] Setting range : 12h / 24 h [2017-2021] Setting range : 24 h
●Temperature	Display range : 0 ~ 250°C
●Voltage	[2013-2016] Display range : 8.0 ~ 18.0 V [2017-2021] Display range : 10.0 ~ 16.0 V
●Backlight brightness	Setting range : 1 - 5 (darkest)~ 5 - 5 (brightest)
○Operating voltage	DC 12V
●Temperature range	-10 ~ +60°C
○Specifications	JIS D 0203(S2)
●Meter Size	D 96 mm
●Indication light	Engine warning light(Amber) High beam light (Blue) Neutra light (Green) Warning light (Red) ABS light (Amber) Trun signal light (Green) [2013-2016] ASC / DWA Warning light (Red) [2017-2021]RPM shift light (Red)

Item number

LCD	Models	Bezel

★BA07710★

Negative	2014-2016	Black

Item number

LCD	Models	Bezel

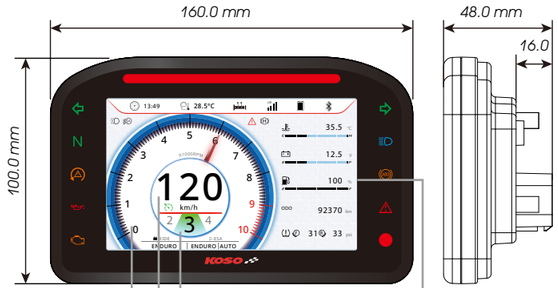
★BA07700★

Negative	2017-2020	Black
Negative	2021~	Black

E-mark approval

RX5
For BMW R1200GS® 2013-2017

New generation meter – RX5 equip with colorful 5" TFT LCD display, Bluetooth® connectivity and extremely user friendly interface to maximize the fun you will have during the riding. The RX5 meter is designated to BMW R1200 GS from model year 2013 to 2017 plug & play. If you have this bike and want to have a new TFT meter like brand new GS model, then this is it --- your best choice!
The Bluetooth® connectivity allow you to enjoy the music streaming through your headset or hands-free and shows the name of the song that you currently listening to, not to mention the incoming call number/-contact name display and the navigation directly notification. All those are included in this fantastic instrument, and wait for you to explore.



Digital ENG Thermometer
- *Display range : 0.0~250.0°C (32.0~482°F)*
- *Display unit : 0.1 °C (°F)*

Voltmeter
- *Display range : DC 8.0~18.0 V*
- *Display unit : DC 0.1 V*

Fuel meter
- *Display range : 6 level*
- *Display unit : 16.6 % each segment*

Gear meter
- *Display type : Off,Rotary Shift,Return Shift Learn*
- *Display range : N,1~9*

Speedometer
- *Display range : 0 ~ 360 km/h (0 ~ 223 MPH)*
- *Display unit : km/h, MPH*

Tachometer
- *Display range : 0~10,000 RPM*
- *Display unit : 100 RPM*

Item number
Model

★ B A 0 6 2 0 1 0 ★
BMW R1200GS

K Link
for iOS & Android

K-Link supports establishing a connection with Koso meters via Bluetooth. When connected, K-Link fetches essential information from the remote and stores it as trip records in the app. This information is also used for providing fuel and regular/temporary maintenance notifications and vehicle diagnostics.

K-Link provides related information beforehand, such as weather forecast info and the instant gas price, to help drivers prepare for their trip.

●*Main screen.*

●*Price of oil.*

●*Navigation.*

●*Maintenance.*

●*Connect.*

Download on the App Store

GET IT ON Google Play

RX6
For TRIUMPH TRIDENT

New generation meter – RX6, Bluetooth® connectivity and extremely user friendly interface to maximize the fun you will have during the riding. The RX6 meter is designated to Triumph Trident plug & play.
The Bluetooth® connectivity allow you to enjoy the music streaming through your headset and shows the name of the song that you currently listening to, not to mention the incoming call number/contact name display and the navigation directly notification. All those are included in this fantastic instrument, and wait for you to explore.

NEW !

Gear meter
●Display range : N,1~6

Coolant Temperature
●Display range : 0~250°C (32~482°F)
●Display unit : 1 °C (°F)

Fuel meter
●Display range : 8 levels
●Display unit : 12.5 % each segment

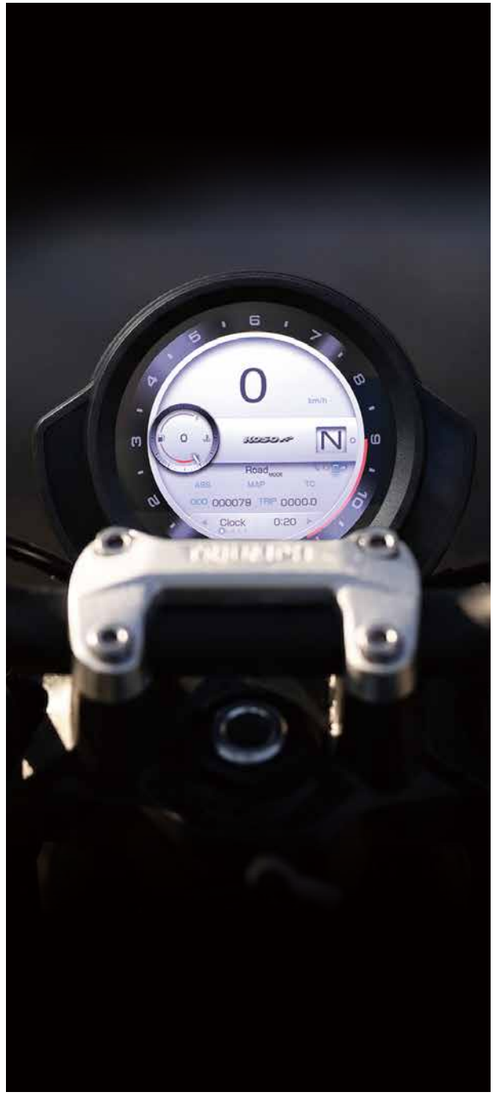
Tachometer
●Display range : 0~11,000 RPM
●Display unit : 100 RPM

Speedometer
●Display range : 0 ~ 360 km/h (0 ~ 225 MPH)
●Display unit : km/h, MPH

Item number	
Model	

* B A 0 8 2 0 0 0 *
TRIUMPH TRIDENT

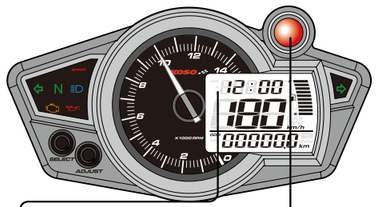
●Speedometer	Display range : 0 ~ 360 km/h Display unit : 1 km/h
●Average Speed 1、2	Display range : 0 ~ 360.0 km/h Display unit : 0.1 km/h
●Time Meter 1、2	Display range : 0 ~ 99.99 hr Display unit : 0.01 hr
○Odometer	Display range : 0 ~ 99,999 km Display unit : 1 km (mile)
●Trip Meter 1、2	Display range : 0 ~ 9,999.9 km Display unit : 0.1 km
●Service	Display range : 0~0,000,000 km
●Gear	Display range : N、1 ~ 6
●Tachometer	Display range : 0 ~ 11,000 RPM
●Riding Mode	Display range : Road、Rain、Sport
●Traction Control	Setting range：Enable、Disable
●Coolant Temperature	Display range : 0 ~ 250°C
●Fuel Meter	Display range：8 levels
●Fuel Consumption	Display range：0~99.9 km/L(MPG、L/100km)
●Fuel Range Meter	Display range：0~999 km (mile)
●Average Fuel Meter	Display range：0~999.9 km/L(MPG、L/100km)
●TPMS	Display range : 0.0~3.5 bar(1~50 psi、7~344kPa) Display unit : 0.1 bar(1 psi, 1kPa)
●Clock	Setting range：12、24H Setting range：00:00~23:59、01:00 ~ 12:59
●Navigation	Display range：Turning precaution、Estimated turning distance、Speed Camera、Speed Limit
●Incoming phone call notice	Display range：Contact Name、Contact Number、Phone book
●Music	Display range：Song title、Artist name
●SMS	Display range：Contact Name、Content
●Background Display	Setting range：AUTO(Optical Sensing)、Positive、Negative
●Backlight brightness	Setting range : 1 - 5 (darkest)~ 5 - 5 (brightest)
○Operating voltage	DC 12V
●Temperature range	-10 ~ +60°C
○Specifications	JIS D 0203(S2)
●Meter Size	D 117.6 X 151.5 X 48.5 mm
●Indication light	Trun signal light (Green) High beam light (Blue) Engine warning light(Amber) Traction Control(Amber) IMMO(Red) ABS light (Amber) Neutra light (Green)



E-mark approval

RX1N+

Just the right size & shape designed for ATV & Motorcycle. With the up to 15,000 RPM tachometer & the illuminated needle, you could read the information easily even in the night.
With the MAX power test , you could check the top speed your machine could reach and the time & distance you need to reach it.
The target distance test provides you the chance to see how fast you are and how much time you need to reach at a limited distance.
The target speed test provides you the information of how much distance you need to reach the speed you set and how long it takes.
It is just like you have a DYNO on your machine for you to adjust your machine. Are you ready to join the race?



The RPM Red, Yellow shift light
- Setting range: 1,000~15,000 RPM.
- Setting unit: 100 RPM.
- Warning: on (F-OFF), Flash (F-ON)

Temperature warning (water & oil temperature)
- Setting range: 60~120°C (140~248°F).
- Setting unit: 1°C (°F).

Target Speed test

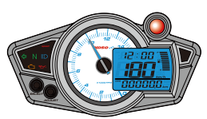
Target distance test

MAX record

Item number
Backlight color Display range Panel color

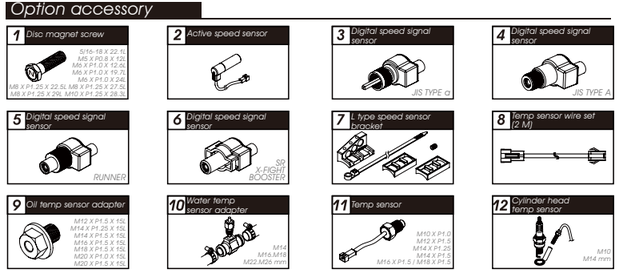
★BA011200★
White 0~15,000 RPM Black

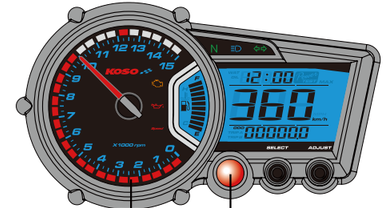
★BA011210★
Blue 0~15,000 RPM Black



★BA011220★
Blue 0~15,000 RPM White

Option accessory





The RPM Red, Yellow shift light
- Setting range: 1,000~15,000 RPM
- Setting unit: 100 RPM
- Warning: on (F-OFF), Flash (F-ON)

The top RPM recall indicator light
- The indicator light will move according to the current RPM.
- The top RPM indicator light will show you top top RPM you reach and light on for 3 seconds.

Target speed test

Target distance test

MAX record

E-mark approval

RX2+

The RX-2 is probably one of our best seller. Its unique changeable backlight colors make's it a very popular instrument. The illuminated needle with LED pointer make's the RX-2 a very easy gauge to read even at night. This instrument features many different functions such as speed, odometer, tripmeter, RPM, shift light, temperature, indicator lights and many other cool functions. Set yourself apart with the RX-2 !

Item number
Backlight color Display range Panel color

★BA010100★
Blue 0~15,000 RPM Black

Option accessory

Kawasaki NINJA 250R
★BE005K00★
Model RX2

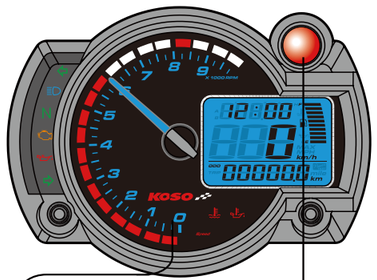
Plug & Play Kit
Kawasaki NINJA 250R
★B001200 1★
Model RX2

Plug & Play Kit
Kawasaki NINJA 250R(FI)
★B001200 0★
Model RX2

E-mark approval

RX2N+

The RX-2N has been developed with the best components and latest technology on the market. The illuminated needle with LED pointer make's the RX-2N a very easy gauge to read even at night. This instrument features many different functions such as speed, odometer, tripmeter, RPM, shift light, temperature, indicator lights and many other cool functions. The 10 000 rpm and 20 000 rpm version gives the opportunity to better choose the right RPM scale for your bike.



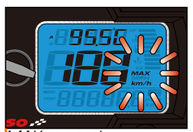
Tachometer warning light
- Setting range: 5,000~10,000 RPM. (5,000~20,000 RPM)
- Setting unit: 100 RPM.

●500 RPM ●OVER-RPM

The top RPM recall indicator light
- The indicator light will move according to the current RPM.
- The top RPM indicator light will show you top top RPM you reach and light on for 3 seconds.

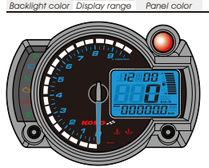
Target speed test

Target distance test

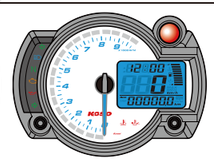


MAX record

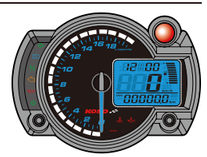
Item number
Backlight color Display range Panel color



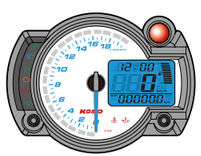
★BA015B15★ Blue 0~10,000 RPM Black



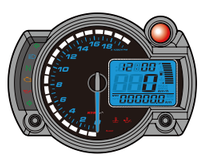
★BA015B16★ Blue 0~10,000 RPM White



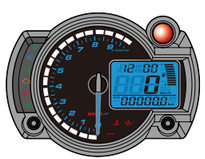
★BA015B25★ Blue 0~20,000 RPM Black



★BA015B27★ Blue 0~20,000 RPM White

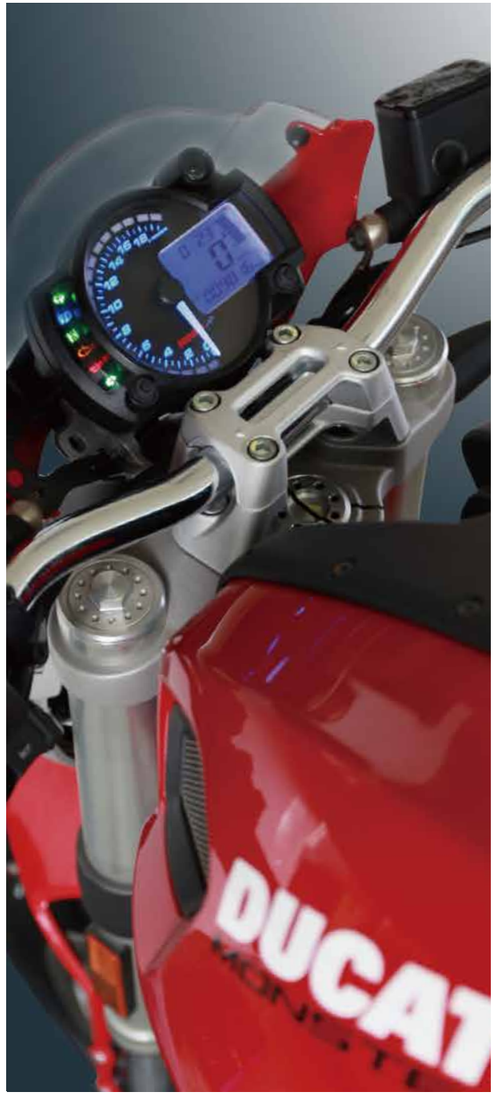


★BA015100★ 8 color 0~20,000 RPM Black



★BA015200★ 8 color 0~10,000 RPM Black

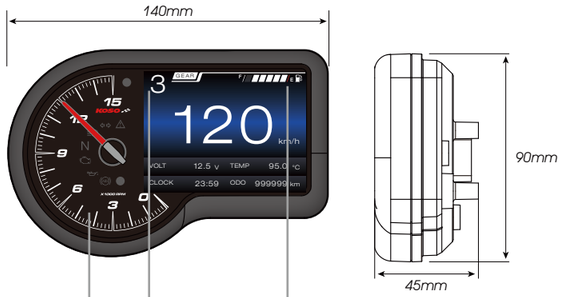
●Speedometer	Display range: 0~360 km/h (0~225 MPH) Display unit: km/h & MPH for alternative
○Display internal	<0.5 second
○Odometer	Display range: 0~99999.9 km (mile), reset automatically after 99999.9 km (mile) Display unit: 1 km (mile)
○Trip meter A/B	Display range: 0~999.9 km (mile), reset automatically after 999.9 km (mile) Display unit: 0.1 km (mile)
○Speeding warning light	Setting range: 30~180 km/h (20~110 MPH) Setting unit: 5 km/h (MPH)
○Top speed record	Display range: 0~360 km/h (0~223 MPH)
○Tire circumference	Setting range: 300~2,500 mm Setting unit: 1 mm • Pulse setting: 1~60
●Tachometer	Display range: 0~10,000 /20,000RPM Display unit: 250 / 500 RPM
○Display internal	<0.5 second
○Shift light	Setting range: 5,000~10,000 / 20,000 RPM Setting unit: 100 RPM
○MAX RPM record	Display range: 0~10,000 / 20,000 RPM
○Stroke / piston setting	2 Stroke: 1, 2, 3, 4 pistons 4 Stroke: 1, 2, 3, 4, 5, 6, 8, 10, 12 pistons
●Thermometer	Display unit: °C & °F for alternative
●Digital thermometer (Water & oil temperature)	Display range: 0~250 °C (32~482 °F) Display unit: 0.1°C (°F)
●Thermometer level (Water temperature)	Display range: 20~120°C (68~248°F), 10 segment bar graph Display unit: 10°C (50°F) for each segment
○Display internal	<0.5 second
○Temperature alarm (Water & oil temperature)	Setting range: 60~250°C (140~482°F) Setting unit: 1°C (°F)
○Top temperature record	Display range: 0~250°C (32~482°F)
●Fuel level	Display range: 10 segment bar graph
●Fuel meter	Display unit: 10 % for each segment Setting range: 100Ω, 510 Ω, no display
○Insufficient fuel warning	Setting range: 10~50 % Setting unit: 10 %
●Clock	24H
●Target speed timer	Setting range: 30~360 km/h (20~220 MPH) Setting unit: 5 km/h (MPH)
●Target distance timer	Setting range: 50~1,000 M (1/32~20/32 mile) Setting unit: 50 M (1/32 mile)
●Top speed timer	The record including, 1.Speed: 0~360 km/h (0~223 MPH) 2.Distance: 0~999 M (0~3,280 feet) 3.Timer: 0~9'59"99 second.
●**Effective voltage**	**DC 12V**
●Effective temperature range	-10~+60°C
●Meter standard	JIS D 0203 S2
●Meter size (W X L X H)	135.7 X 100.7 X 52 mm
●Meter weight	Around 240 g
●Telltales	High beam (Blue) Repeater (Green) N Neutral (Green) EOBD (Amber) Oil (Red) Speeding (Red) RPM shift light (Yellow / Red) Temperature alarm (Red) Temperature alarm (Red)



E-mark approval

RX3

The RX-3 TFT multifunction meter is the newest addition to our RX series of gauges. It features a modern TFT screen to display your information with the day and night brightness adjustability and also has 5 differents colors to choose from.
Compact, lightweight and easy to operate, this modern meter offers a clean and simple design. This universal gauge can be used for any application.



Fuel meter
●*Display range：6 levels*
●*Display unit：Each level represents 16.6 %*
Setting range：OFF、100 Ω、250 Ω、270 Ω
510 Ω、1200Ω、SW、Learning Mode

Gear meter
●*Display Type：Gear Learning、OFF*
●*Display range：(Clutch Released)、N、*
1 ~Top Gear.The top gear is accroding to the gear learning.

Speedometer
●*Display range:0 ~ 360 km/h (0 ~ 223 MPH)*
●*Display unit:km/h、MPH*

Item number
Backlight color Display range

★BA071000★
5color 0~15,000 RPM

★BA071100★
5 color 0~12,000 RPM

●*Speedometer*	*Display range：0~360 km/h (0~223MPH)* *Display unit：km/h、MPH*
○*Odometer*	*Display range：0~99,999 km (mile),* *reset when exceed* *Display unit：1 km*
●*Adjustable Odometer*	*Setting range：0~999,999 km (mile)* *adjustable* *Setting unit：1 km*
○*Trip meter A/B*	*Display range：0~9,999.9 km (mile),* *can be reset* *Setting unit：0.1 km (mile)*
○*Maintenance Mileage*	*Setting range：300~5,000 km (mile),OFF* *Setting unit：100 km (mile)*
○*Over-Speed Warning*	*Setting range：30~360 km/h (20~223 MPH)* *Setting unit：1 km/h (MPH)*
○*MAX speed record*	*Display range：0~360 km/h (0~223MPH)* *Display unit：1km/h (MPH)*
○*Tire circumference*	*Setting range：300~2,500 mm* *Setting unit：1 mm*
○*Sensing Point*	*Setting range：1~20P* *Setting unit：1P*
●*Gear meter*	*Display Type：Gear Learning、OFF* *Display range：(Clutch Released)、N、* *1 ~Top Gear.The top gear is accroding* *to the gear learning.*
○*Top Gear Record (MAX)*	*Display range：-(Clutch Released)、N* *1 ~Top Gear. The top gear is accroding* *to the gear learning.*
●*Tachometer*	*Display range：0~15,000RPM*
○*Shift Light*	*Setting range：1000~15,000 RPM* *Setting unit：100RPM*
○*MAX RPM record*	*Display range：0~15,000RPM* *When in MAX Display, the needle shown* *the highest RPM.*
○*The RPM input signal number setting*	*0.5、1.0~24.0*
○*The RPM input pulse*	*Setting range：Low-Act、High-Act*
●*Digital thermometer*	*Display range：0~250 ℃(32~482℉)* *Display unit：0.1 ℃ (℉)*
○*Over heat Warning*	*Setting range：60~250 ℃ (140~482℉)* *Setting unit：1 (℉)*
○*MAX thermometer record*	*Display range：0~250 ℃(32~482℉)*
●*Fuel meter*	*Display range：6 levels* *Display unit：Each level represents 16.6 %* *Setting range：OFF、100 Ω、250 Ω、270 Ω* *510 Ω、1200Ω、SW、Learning Mode*

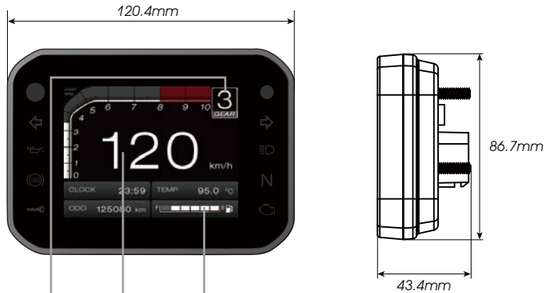
○*Insufficient fuel waring*	*Setting range：0~3/6* *Setting unit：1*
●*Clock*	*Setting range：12、24H* *Setting range：00:00~23:59*
●*Digital Volt meter*	*Display range：DC 8.0~18.0 V* *Display unit：DC 0.1 V*
○*Low Voltage waring*	*Setting range：DC 8.0~18.0 V* *Setting unit：DC 0.1 V*
●*Background Display*	*Setting range：AUTO(Optical Sensing)* *Positive、Negative*
●*Backlight brightness adiust*	*Setting range：1/5(Darker)~5/5(Brighter)* *Setting unit：1/5。*
●*Backlight color*	*Setting range：White、Red、Orange、* *Green、Blue*
●*Target speed timer*	*Setting range：30~360 km/h (20~223 MPH)* *Setting unit：5 km/h (MPH)*
○*Target distance timer*	*Setting range：50~1,000 M (1/32~20/32 mile)* *Setting unit：50 M (1/32 mile)*
○*Top speed timer*	*Setting range：* *1.Speed：0~360 km/h (0~223 MPH)* *2.Distance：0~999 M (0~3,280 feet)* *3.RPM：0~15,000 RPM* *4.Timer：9:59"99*
●*Effective voltage*	*DC 12 V*
●*Effective temperature range*	*-10~+60°C*
●*Meter standard*	*JIS D 0203 S2*
●*Indicator light color*	*Turn signal(Green)* *High beam(Blue)* *Neutral(Green)* *EOBD(Amber)* *Oil(Red)* *ABS(Yellow)* *RPM shift light(Red)* *Warning Light(Red、OFF、Quick Flashing、* *Steady、Slow Flashing)*

E-mark approval

RX3S

Stand out from the crowd! RX3S instrument re-define of entry-level aftermarket instrument. Newest 3.5" colorful TFT LCD display with brand new design user friendly interface make your bike upgrade not just one level higher! All the functions you need for speedometer, tachometer, odometer and trip, this instrument also include the gear position display, target distance and target speed these performance features to make your bike's information and condition become more colorful in your eyes. RX3S instrument, makes each ride become a journey of fun!

NEW !



Fuel meter
- ●Display range：6 levels
- ●Display unit：Each level represents 16.6 %
  Setting range：OFF、100 Ω、250 Ω、270 Ω
  510 Ω、1200Ω、SW、Learning Mode

Speedometer
- ●Display range:0 ~ 360 km/h (0 ~ 223 MPH)
- ●Display unit:km/h、MPH

Gear meter
- ●Display Type：Gear Learning、OFF
- ●Display range：(Clutch Released)、N、
  1 ~Top Gear.The top gear is accroding
  to the gear learning.

Item number
Backlight color

5color

●Speedometer	Display range：0~360 km/h (0~223MPH) Display unit：km/h、MPH
○Odometer	Display range：0~99,999 km (mile), reset when exceed Display unit：1 km
●Adjustable Odometer	Setting range：0~999,999 km (mile) adjustable Setting unit：1 km
○Trip meter A/B	Display range：0~9,999.9 km (mile), can be reset Setting unit：0.1 km (mile)
○Maintenance Mileage	Setting range：500~16,000 km (300~ 10,000 mile),OFF Setting unit：100 km (mile)
○Over-Speed Warning	Setting range：30~360 km/h (20~223 MPH) Setting unit：1 km/h (MPH)
○MAX speed record	Display range：0~360 km/h (0~223MPH) Display unit：1km/h (MPH)
○Tire circumference	Setting range：300~2,500 mm Setting unit：1 mm
○Sensing Point	Setting range：1~4t0P Setting unit：1P
●Gear meter	Display Type：Gear Learning、OFF Display range：(Clutch Released)、N、 1 ~Top Gear.The top gear is accroding to the gear learning.
○Top Gear Record (MAX)	Display range：-(Clutch Released)、N 1 ~Top Gear. The top gear is accroding to the gear learning.
●Tachometer	Display range：0~10,000、12,000、 15,000、18,000、20,000 RPM
○Shift Light	Setting range：1000~10,000、12,000、 15,000、18,000、20,000 RPM Setting unit：100RPM
○MAX RPM record	Display range：0~10,000、12,000、 15,000、18,000、20,000 RPM
○The RPM input signal number setting	Setting range：0.5、1.0~24.0
○The RPM input pulse	Setting range：Low-Act、High-Act
●Digital thermometer	Display range：0~250 ℃(32~482℉) Display unit：0.1 ℃ (℉)
○Over heat Warning	Setting range：60~250 ℃ (140~482℉) Setting unit：1 (℉)
○MAX thermometer record	Display range：0~250 ℃(32~482℉)
○A/F ratio meter	Display range：12.1 ~ 17.5 Display range：0.1

●Fuel meter	Display range：6 levels Display unit：Each level represents 16.6 % Setting range：OFF、100 Ω、250 Ω、270 Ω 510 Ω、1200Ω、SW、Learning Mode
○Insufficient fuel waring	Setting range：0~3/6 Setting unit：1
●Clock	Setting range：24、12H Setting range：00:00~23:59 (1:00~12:59)
●Digital Volt meter	Display range：DC 8.0~18.0 V Display unit：DC 0.1 V
○Low Voltage waring	Setting range：DC 8.0~13.0 V Setting unit：DC 0.1 V
○High Voltage waring	Setting range：DC 13.1~18.0 V Setting unit：DC 0.1 V
●Background Display	Setting range：AUTO(Optical Sensing) Positive、Negative
●Backlight brightness adiust	Setting range：1/5(Darker)~5/5(Brighter) Setting unit：1/5。
●Backlight color	Setting range：White、Orange、Yellow、 Green、Blue
●Target speed timer	Setting range：30~360 km/h (20~223 MPH) Setting unit：5 km/h (MPH)
○Target distance timer	Setting range：50~1,500 M (1/32~30/32 mile) Setting unit：50 M (1/32 mile)
○Top speed timer	Setting range： 1.Speed：0~360 km/h (0~223 MPH) 2.Distance：0~999 M (0~3,280 feet) 3.RPM：0~10,000、12,000、15,000、 18,000、20,000 RPM 4.Timer：9:59"99
●Effective voltage	DC 12 V
●Effective temperature range	-20~+85℃
●Meter standard	JIS D 0203 S2
●Indicator light color	Composite warning light(Red) Turn signal(Green) Oil(Red) ABS(Yellow) Security light(Red) High beam(Blue) N Neutral(Green) EOBD(Amber)

E-mark approval

RX4

Featuring speed, odometer, tripmeter, hour meter, voltage, clock and a stopwatch as well as several indicator lights, the new universal version of the RX-4 meter will give you all the information you need for your next trip.

This multifunction meter allows you to connect your phone through its Bluetooth option for a unique experience like no other standard meter. You can see your incoming call, your music playing information and much more. With its easy to use and large display functions, the RX-4 is the perfect meter to give a modern look for any type of bikes.

Thermometer A, B
- *Display range : 0.0 ~ 250.0 °C (32.0 ~ 482.0 °F)*
- *Display unit : 0.1 °C (°F)*

Odometer
- *Display range : 0 ~ 999,999 km (mile) and then return to zer*
- *Display unit : 1 km (mile)*

Trip meter A, B
- *Display range : 0.0~9,999.9 km (mile), may return to zero manually*
- *Setting unit : 0.1 km (mile)*

Speedometer
- *Display range : 0 ~ 360 km/h (0 ~ 225 MPH)*
- *Display unit : 1 km/h (MPH)*

Tachometer
- *Display range : 0~10,000 RPM, 0~12,500 RPM, 0~15,000 RPM, 0~18,000 RPM*

Fuel meter
- *Display range : 6 levels*
- *Display unit : 1 level (16.6 %)*

Fuel warning
- *Display range : The warning value for low fuel shall be 1 segment and below, the symbol will blink for warning.*

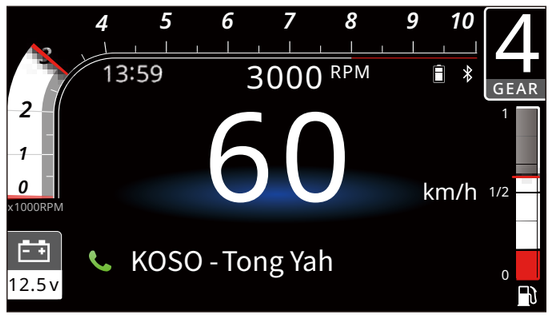
Gear Meter
- *Display range : -, N, 1 ~ 6*

Item number

B A 0 8 1 0 1 0

Bluetooth® Display

- *The music playing info screen.*



- *The incoming phone call notice screen.*

- *The navigation screen.*

E-mark approval

RX6D

Featuring speed, odometer, tripmeter, hour meter, voltage, clock as well as several indicator lights, the new universal version of the RX6D meter will give you all the information you need for your next trip.

This multifunction meter allows you to connect your phone through its Bluetooth option for a unique experience like no other standard meter. You can see your incoming call, your music playing information and much more. With its easy to use and large display functions, the RX6D is the perfect meter to give a modern look for any type of bikes.

NEW !

Speedometer
- Display range : 0 ~ 360 km/h (0 ~ 220 MPH)
- Display unit : 1 km/h (MPH)

Tachometer
- Display range : 0~8,000 RPM/ 0~10,000 RPM/ 0~12,000 RPM

Fuel meter
- Display range : 6 levels(0 ~ 100%)
- Display unit : 1 level(16.6 %)

Gear Meter
- Display range : -, N, 1~the highest gear, (the highest gear shall be based on the gear learning)

Odometer
- Display range : 0 ~ 999,999 km (mile) and then return to zero
- Display unit : 1 km (mile)

Trip meter A, B
- Display range : 0.0~9,999.9 km (mile), may return to zero manually
- Display unit : 0.1 km (mile)

Thermometer A, B
- Display range : 0 ~ 250.0 °C (32.0 ~ 482.0 °F)
- Display unit : 0.1 °C (°F)

Voltmeter
- Display range : DC 8.0 ~ 18.0 V
- Display unit : DC 0.1 V

Item number
Backlight color Display range Panel color

●Speedometer	Display range : 0 ~ 360 km/h (0 ~ 225 MPH) Display unit : 1 km/h (MPH) Switchable
○Odometer	Display range : 0 ~ 999,999 km (mile)and then return to zero Display unit : 1 km (mile)
○Trip meter A, B	Display range : 0~9,999.9 km (mile), may return to zero manually Display unit : 0.1 km (mile)
○Speeding warning	Setting range : 30 ~ 200 km/h (20~130 MPH) Setting unit : 1 km/h (MPH)
○Max. speed record	Display range : 0 ~ 200 km/h (0 ~ 130 MPH) Display unit : 1 km/h (MPH)
○Riding time A, B (Hour A, B)	Display range : 00:00~999.9 H , automatically return to 0 after turning off the engine. Display unit : 0.1 H
○Service DST	Display range : -999 ~ 16,000 km (-999~10,000 mile), may reset manually. Setting range : 500 ~ 16,000 km (300~10,000 mile), OFF Setting unit : 100 km (mile)
○Circumference	Setting range : 300~2,500 mm Setting unit : 1 mm
○Sensitive point	Setting range : 1~20 P Setting unit : 1 P
●Gear Meter	Setting range : Return, Rotary, OFF Display range : -, N, 1~the highest gear, (the highest gear shall be based on the gear learning)
○Max. Gear record	Display range : -, N, 1~the highest gear (the highest gear shall be based on the gear learning), may return to zero manually
●Tachometer	Display range : 0~8,000 RPM/0~10,000 RPM/ 0~12,000 RPM
○Shift light warning	Setting range : 2,000~8,000 RPM/2,000~10,000 RPM/ 2,000~12,000 RPM/ 2,000~15,000 RPM/ 2,000~18,000 RPM/ 2,000~20,000 RPM Setting unit : 100 RPM
○Max. rotating speed	Display range : 0~8,000 RPM/0~10,000 RPM/ 0~12,000 RPM, may return to zero manually
○The RPM input signal	Setting range : 0.5,1.0~24.0
○The RPM input pulse	Setting range : High-Act/Low-Act
●Thermometer A, B	Display range : 0.0 ~ 250.0 °C (4.0 ~ 482.0 °F) Display unit : 0.1 °C (°F)
○Overheat warning A, B	Setting range : 60~250 °C (140~482°F) Setting unit : 1 °C (°F)
○Max. temperature record A, B	Display range : 0.0 ~ 250.0 °C (32.0 ~ 482.0 °F) , may return to zero manually Display unit : 0.1 °C (°F)
●A/F ratio meter	Display range : 12.1~17.5 Display unit : 0.1 Setting range : ON, OFF

●Fuel meter	Display range : 6 levels Display unit : 1 level(16.6 %)
○Fuel(Ω)	Setting range : 100 Ω, 250 Ω, 270 Ω, 390Ω, 510 Ω, 1200 Ω, Switch, Custom, OFF
○Fuel warning	Setting range : 0/6 ~ 3/6 grid, when setting value is reach or below, warning light will lit. Setting unit : 1 grid
●Clock	Setting range : 00:00~23:59 (24H) 01:00~12:59 (12H)
●Voltmeter	Display range : DC 8.0 ~ 18.0 V Display unit : DC 0.1 V
○Low voltage warning	Setting range : DC 8.0 ~ 13.0 V Setting unit : DC 0.1 V
○High voltage warning	Setting range : DC 13.1 ~ 18.0 V Setting unit : DC 0.1 V
●Tire pressure warning	Display range : Tire pressure, Tire temperature, Battery voltage warning
●Background display	Setting range : Auto(automatically switch according to the light : day mode display for the bright environment and Night mode display for
○Back light brightness (Day)	Setting range : 3/5(Darkest) ~ 5/5(Brightest) Setting unit : 1/5
○Back light brightness (Night)	Setting range : 1/5(Darkest) ~ 5/5(Brightest) Setting unit : 1/5
○Backlight color	Setting range : white, red, orange, yellow, green, blue, purple
○RPM light brightness (Day)	Setting range : 1/5(Darkest) ~ 5/5(Brightest) Setting unit : 1/5
○RPM light brightness (Night)	Setting range : 1/5(Darkest) ~ 5/5(Brightest) Setting unit : 1/5
●Unit	Speed unit : km/h , MPH Temperature unit : °C (Celsius) and °F (Fahrenheit)
●Voltage	DC 12 V
●Operating temperature	-20~+85°C
●Storage temperature	-30~+90°C
●Specification	JIS D 0203 (S2)
●Meter Size	218.5 x 101.5 x 50.4 mm
●Communication function	CAN communication and Bluetooth communication
●Indicator	Left indicator light(Green) Right indicator light(Green) High beam light (Blue) Engine light (Amber) Oil pressure light (Red) Neutral light (Green) N Anti-theft light+light sensing (Red)

RX6S

NEW !

Speedometer
- Display range : 0 ~ 360 km/h (0 ~ 225 MPH)
- Display unit : 1 km/h (MPH) Switchable

Tachometer
- Display range : 0~12,000 RPM

Fuel meter
- Display range : 6 levels(0 ~ 100%)
- Display unit : 1 level(16.6 %)

Gear Meter
- Display range : -, N, 1~the highest gear, (the highest gear shall be based on the gear learning)

Odometer
- Display range : 0 ~ 999,999 km (mile) and then return to zero
- Display unit : 1 km (mile)

Trip meter A, B
- Display range : 0.0~9,999.9 km (mile), may return to zero manually
- Display unit : 0.1 km (mile)

Thermometer
- Display range : 0 ~ 250.0 °C (32.0 ~ 482.0 °F)
- Display unit : 0.1 °C (°F)

Voltmeter
- Display range : DC 8.0 ~ 18.0 V
- Display unit : DC 0.1 V

Item number

BA089000

E-mark approval

RX6S

Featuring speed, odometer, tripmeter, voltage, clock as well as several indicator lights, the new universal version of the RX6S meter will give you all the information you need for your next trip.

This multifunction meter allows you to connect your phone through its Bluetooth option for a unique experience like no other standard meter. You can see your incoming call, your music playing information and much more. With its easy to use and large display functions, the RX6S is the perfect meter to give a modern look for any type of bikes.

E-mark approval

RX7

*RX7 is a multifunction motorcycle gauge featuring speed, RPM, total mileage, trip meter, riding time, fuel level, voltage, clock, lean angle, G-force, and Bluetooth connectivity. Through the K-Rider APP, you can access the Powertest function and **smartphone screen mirroring**. It also supports incoming call notifications, music display, message alerts, and turn-by-turn navigation, allowing you to stay fully informed of both your bike's status and road conditions throughout your ride.*

*The RPM bar offers **two UI styles**, each available in four color options to match your personal preference. The outer frame features a slim, three-dimensional structure that retains its sharp, multi-faceted angular design. While enhancing its high-tech appearance, it also preserves a strong mechanical character and durability — making it a perfect fit for any motorcycle style.*

NEW !

Tachometer
- *Display range : 0~8,000 RPM/ 0~12,000 RPM/ 0~16,000 RPM/ 0~20,000 RPM*

Gear Meter
- *Display range : -, N, 1~the highest gear, (the highest gear shall be based on the gear learning)*

Speedometer
- *Display range : 0 ~ 360 km/h (0 ~ 220 MPH)*
- *Display unit : 1 km/h (MPH)*

Thermometer A, B
- *Display range : 0 ~ 250.0 °C (32.0 ~ 482.0 °F)*
- *Display unit : 0.1 °C (°F)*

Odometer
- *Display range : 0 ~ 999,999 km (mile) and then return to zero*
- *Display unit : 1 km (mile)*

Trip meter A, B
- *Display range : 0.0~9,999.9 km (mile), may return to zero manually*
- *Display unit : 0.1 km (mile)*

Fuel meter
- *Display range : 6 levels(0 ~ 100%)*
- *Display unit : 1 level(16.6 %)*

Voltmeter
- *Display range : DC 8.0 ~ 18.0 V*
- *Display unit : DC 0.1 V*

Item number
Backlight color Display range Panel color

★ B A 0 8 4 1 0 0 ★

K-Rider

for iOS & Android

K-Rider is an aggregation app designed for driving, which opens the era of intelligent and convenient travel.
1. Adapt to multiple models to create an exclusive driving experience and make travel safe and convenient.
2. Simple and convenient operation, no cumbersome operation, direct travel purpose.
3. Accurately locate the user's misunderstanding and solve the problems in the use process.
More new travel experiences are in K-Rider, inviting you to enter the exclusive third living space!

●*Sign in.*

●*Connect.*

●*Main screen.*

●*Warning Setting.*

●*Fuel Records.*

●*Navigation.*

●*Power Test.*

●*Riding Logs.*

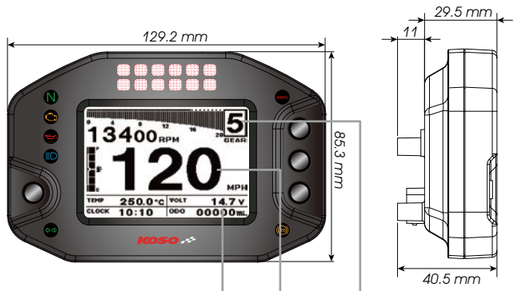
Download on the App Store

GET IT ON Google Play

E-mark approval

RS2

All new RS2 multifunction meter has completely User Interface design concept, more user friendly and easy to play with. All the functions you need for dally using, Speedometer, Tachometer, Odometer, Trip, Gear Position, Clock and even have the Dyno function to test target distance and target speed which allows you to have some fun with your bike! RS2 also has multiple backlight colors, so you could pick one you like and suit your bike better, not to mentioned the backlight dimming function also can be setup so it will adjust the backlight brightness automatically for you in the night time. This new toy will bring your fun with the bike to the next level!



Thermometer
- ●Display unit：℃、℉ Switchable
- ●Display range：0 ~ 250 ℃(32 ~ 482 ℉)
- ●Display unit：0.1℃ (℉)

A/F ratio meter
- ●Display range：12.1 ~ 16.8
- ●Display range：0.1

Clock
- ●Display range：24 H

Volt
- ●Display range：DC 8.0 ~ 18.0 V
- ●Display unit：0.1 V

Odometer
- ●Display range：0 ~ 99,999 km (mile) return to zero upon exceed.
- ●Display unit：1 km (mile)

Trip meter A、B
- ●Display range：0.0 ~ 9999.9 km (mile) return to zero upon exceed.

Gear Meter
- ●Display range：N、1~6

Speedometer
- ●Display range：0 ~ 360 km/h (0 ~ 223MPH)
- ●Display unit：km/h (MPH) Switchable

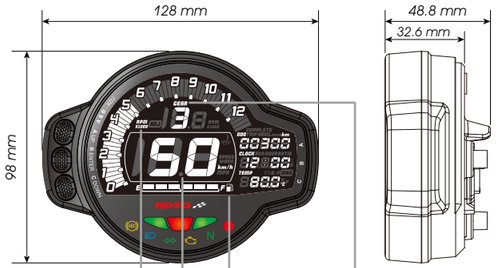
Item number
Backlight color Display range Panel color

★BA07300★
8color 0 ~ 20,000 RPM Black

●Speedometer	Display range：0 ~ 360 km/h (0 ~ 223 MPH) Display unit：1 km/h (MPH)for alternative
○Display internal	<0.5 Second
○Odometer	Display range：0 ~ 99,999 km/h (MPH) reset automatically after 99,999 km (MPH). Display unit：1 km/h (MPH)
○Trip meter A、B	Display range：0 ~ 9999.9 km/h (MPH) reset automatically after 9999.9 km (MPH). Display unit：0.1 km/h (MPH)
○Speeding warning light	Setting range：0 ~ 90 km/h (0 ~ 56 MPH) Setting unit：1 km/h (MPH)
○Top speed record (MAX)	Display range：0 ~ 360 km/h (0 ~ 223 MPH) Display unit：1 km/h (MPH)
○Tire circumference	Display range：300~2,500 mm Display unit：1 mm • Sensnor point：1 ~ 60
●Gear Meter	Display range：N、1~6、OFF
●Digital Tachometer	Display range：0 ~ 20,000 RPM Display unit：100 RPM
●Level Tachometer	Display range：0 ~ 9,000、12,000、15,000、18,000、20,000 RPM
○RPM shift light	Setting range：3,000 ~ 20,000RPM
○Max RPM record	Display range：0 ~ 20,000 RPM
○RPM Signal (For Fuel Injection)	Setting range：0.5, 1 ~ 24
●Thermometer	Display range：℃ & ℉ for alternative
○Digital Thermometer	Display range：0 ~ 250.0 ℃ (32.0 ~ 482.0 ℉) Setting range：1℃ (℉)
○Temperature warning	Setting range：50 ~ 250.0 ℃ (122.0 ~ 482.0 ℉) Display unit：1℃ (℉)
○Top temperature (MAX)	Display range：0 ~ 250.0 ℃ (32.0 ~ 482.0 ℉)
●A/F ratio meter	Display range：12.1 ~ 16.8 Display range：0.1
●Level Fuel	Display range：6 Level Display unit：16.6 % each segment
○Fuel resistance setting	Display range：100 、250 、510、1200、SW、 Learning
○Low Fuel warning	Setting range：0 ~ 3/6 Display unit：11/6 (At)lower than the setting value, warning FI light lit, fuel level glitter.
○Motor oil maintence	Setting range：500 ~ 16,000 km (312 ~ 10,000 mile)
○ABS indicator	Setting range：ON/OFF

●Clock	Display range：24 H
●Digital Volt meter	Display range：DC 8.0 ~ 18.0 V Display unit：0.1 V
●Target speed timer	Setting range：30 ~ 360 km/h (20 ~ 223 MPH) Setting unit：5 km (MPH)
●Target distance timer	Setting range：50 ~ 1,500 M (1/32 ~ 30/32 MPH) Setting unit：50 M (1/32 MPH)
●Top speed timer	The record including Speed：0 ~ 360 km/h (0 ~ 225 MPH) Distance：0 ~ 999 M (0~3,280 feet) RPM：0 ~ 20,000 RPM Display Range Timer：9：59"99
●Display & Backlight (Positive and Negative Display of the Main Screen)	Setting range：Time setting switchover (nighttime function is turned off when the before and after time is the same)
●Back light color	Setting range：White、Green、Light Blue、Blue、Purple、Red、Orange、Yellow
○Liquid Crystal Concentration	Setting range：1/3(Darkest) ~ 3/3(Brightest)
○Back light brightness light	Setting range：1/5(Darkest) ~ 5/5(Brightest)；Separate setting for daytime and nighttime
○Brightness (LED Bar)	Setting range：1/5(Darkest) ~ 5/5(Brightest)；Separate setting for daytime and nighttime
●Supply voltage	DC 12 V
●Effective temperature range	-10 ~ +60 °C
●Meter standard	JIS D 0203 (S2)
●Meter size	129.2 x 85.3 x 40.5 mm
●Meter weight	Around 151 g
●Indicator light color	Neutral (green light) N Engine (yellow light) Motor oil (red light) High beam light (blue light) Indication light (green light) IMMO (red light) IMMO ABS (yellow light)

MS-01



Speedometer
- Display range : 0~199 km/h (0~124 MPH)
- Display unit : 1 km/h (MPH)

Tachometer (LCD Bar)
- Display Range :

0 ~ 10,000 RPM (250 RPM each segment)
0 ~ 13,000 RPM (250 RPM each segment)
Tachometer (Number)
*Displays when the gear function is turned off

- Display Range :

0 ~ 10,000 RPM (100 RPM each segment)
0 ~ 13,000 RPM (100 RPM each segment)

Gear meter
(When the gear function is off, the speed function is displayed.)
- Display range : OFF, highest gear, N and highest gear, show all (N / 1 ~ 6)

Fuel meter
- Display Range : OFF、6 Levels

Item number

BA078100

MS-01

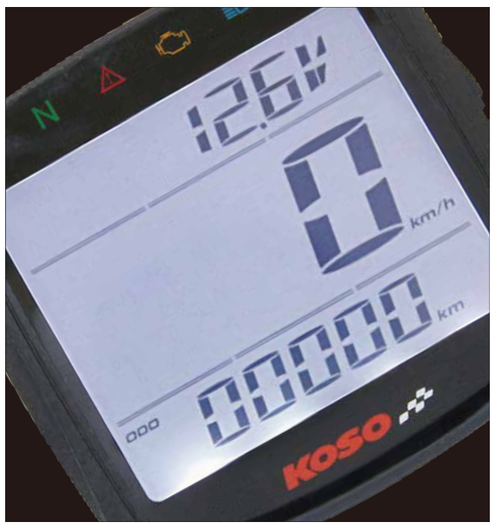
The MS-01 multifunction meter is the newest addition for enthusiasts who enjoy multiple readings from their ride. It features a modern negative LCD screen to display all of your information.

Compact, lightweight and easy to operate, this modern meter offers a clean and simple design. This universal gauge can be used for any application.

E-mark approval

XR-01S

Thinner and lighter than its previous version the XR-SA, our innovative XR-01S most importantly feature a larger, higher quality and easy to read LCD display.
The indicator light functions are still there; however we have added one more, which makes a total of 6 indicator light. New interesting functions were added and they include a 2 hour meter readings, a maintenance hour meter for oil change, 2 trip meter readings, and a useful clock. The XR-01S is simplicity at its best. This meter is user-friendly, easy to read during day or night, and is a great fit for any kind or motorcycle, scooter or other bike.



●Speedometer	Display range：0 ~ 360 km/h (0 ~ 225 MPH) Display unit：km/h or MPH for alternative
●Odometer	Display range：0 ~ 99,999 km (mile),reset automatically after 99,999 km (mile) · Setting unit：1 km (mile)
●Trip meter A、B	Display range：0 ~ 9,999.9 km (mile),reset automatically after 9,999.9 km (mile) · Display unit：0.1 km (mile)
●Oil maintenance mileage	Setting range：300 ~ 5,000 km (mile) Setting unit：per 100 km (mile)
●Hour meter	Display range：99,999 hour,reset automatically after 99,999 hour · Display unit：1 hour
●Hour meter A、B	Display range：9,999.9 hour,reset automatically after 9,999.9 hour · Display unit：0.1 hour
●MAX speed record	Display range：0 ~ 360 km/h (0 ~ 225 MPH)
●Average speed record	Display range：0 ~ 360 km/h (0 ~ 225 MPH)
●Tire circumference	Setting range：300 ~ 2,500 mm Setting unit：1 mm；Sensitive point：1 ~ 6
●Fuel meter	Display range：6 grids
●Insufficient fuel warning	Setting unit：100 Ω、250 Ω、510 Ω、USER
●Clock	24 H
●Volt meter	Display range：DC 8.0 ~ 18.0 V
●Volt meter warning	Display range：Flashing warning when voltage lower than 11.5 V or higher than 15.5 V
●Effective voltage	DC 12 V
●Effective temperature range	-10 ~ +60 °C
●Meter standard	JIS D 0203 S2
●Meter size	77.5 X 74.8 X 34 mm
●Meter weight	Around 87 g
●Indicator light color	Turn signal (Green) · Neutral (Green) · Warning Light (Red) · Engine Light (Yellow) · High beam light (Blue)

Item number
Backlight color Display range Panel color

*B B 0 2 6 0 0 1 *
White 0-360 km/h

●Speedometer	Display range：0 ~ 360 km/h (0 ~ 225 MPH) Display unit：km/h or MPH for alternative
●Odometer	Display range：0 ~ 99,999 km (mile),reset automatically after 99,999 km (mile) · Setting unit：1 km (mile)
●Trip meter A、B	Display range：0 ~ 9,999.9 km (mile),reset automatically after 9,999.9 km (mile) · Display unit：0.1 km (mile)
●Oil maintenance mileage	Setting range：300 ~ 5,000 km (mile) Setting unit：per 100 km (mile)
●Hour meter	Display range：99,999 hour,reset automatically after 99,999 hour · Display unit：1 hour
●Hour meter A、B	Display range：9,999.9 hour,reset automatically after 9,999.9 hour · Display unit：0.1 hour
●MAX speed record	Display range：0 ~ 360 km/h (0 ~ 225 MPH)
●Average speed record	Display range：0 ~ 360 km/h (0 ~ 225 MPH)
●Tire circumference	Setting range：300 ~ 2,500 mm Setting unit：1 mm；Sensitive point：1 ~ 6
●Fuel meter	Display range：6 grids
●Insufficient fuel warning	Setting unit：100 Ω、250 Ω、510 Ω、USER
●Clock	24 H
●Volt meter	Display range：DC 8.0 ~ 18.0 V
●Volt meter warning	Display range：Flashing warning when voltage lower than 11.5 V or higher than 15.5 V
●Effective voltage	DC 12 V
●Effective temperature range	-10 ~ +60 °C
●Meter standard	JIS D 0203 S2
●Meter size	77.5 X 74.8 X 34 mm
●Meter weight	Around 87 g

Item number
Backlight color Display range Casing

*B B 0 2 6 0 0 0 *
White 0-360 km/h

E-mark approval

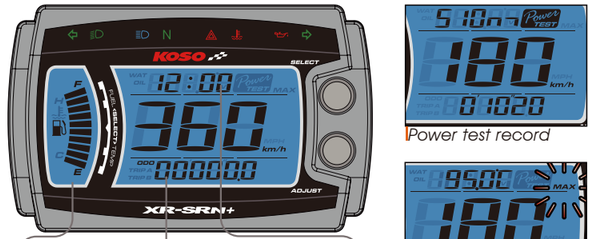
XR-01

Thinner and lighter than its previous version the XR-S, our innovative XR-01 most importantly features a larger, higher quality and easy to read LCD display. New interesting functions were added such as a 2 hour meter readings, a maintenance hour meter for oil change, 2 trip meter readings, and a useful clock. This meter is simple, user-friendly, and eady to read during day or night riding. The XR-01 meter is a great fit for any kind of motorcycle, scooter, ATV and more!

E-mark approval

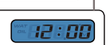
XR-SRN+

The XR-SR multi-functions speedometer was designed especially for motorcycles and ATV's. Its digital screen will provide important informations on your engine. The 8 indicator lights can be adapted to all motorcycles and ATV's. Its great shape and digital display will make your bike look different!



Tachometer
- Display range: 0~18,000 RPM.
- Display unit: 100 RPM.

Clock
- 24H



Level thermometer
- Display range: 20~120°C (68~248°F), 10 levels.
- Display unit: Each level represents 10°C (50°F).

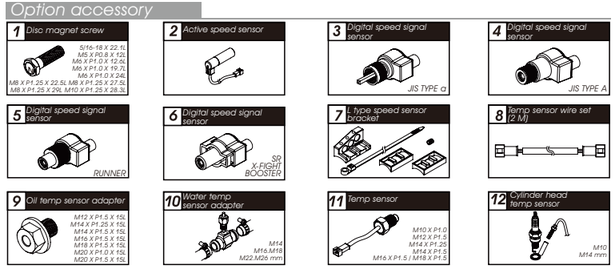
Power test record

MAX record

Item number
Backlight color Display range Panel color

Blue | 0~18,000 RPM | Black

Option accessory

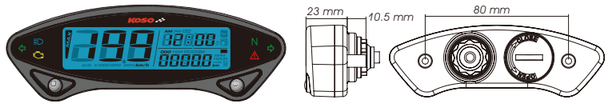


●Speedometer	Display range: 0~360 km/h (0~225 MPH) Display unit: km/h & MPH for alternative
○Display internal	<0.5 second
○Odometer	Display range: 0~99999.9 km (mile), reset automatically after 99999.9 km (mile) Display unit: 0.1 km (mile)
○Trip meter A/B	Display range: 0~999.9 km (mile), reset automatically after 999.9 km (mile) Display unit: 0.1 km (mile)
○Top speed record	Display range: 0~360 km/h (0~225 MPH)
○Tire circumference	Setting range: 300~2,500 mm Setting unit: 1 mm• Pulse setting: 1~20
●Tachometer	Display range: 0~18,000 RPM Display unit: 100 RPM
○Display internal	<0.5 second
○MAX RPM record	Display range: 0~18,000 RPM
○The RPM input signal number setting	Setting range: 0.5, 1~24
○The RPM input pulse	Setting range: HI (The positive wave pulse) Lo (The negative wave pulse)
●Thermometer	Display unit: °C & °F for alternative
●Digital thermometer	Display range: 0~120°C (32~248°F) Display unit: 0.1°C (°F)
●Thermometer level	Display range: 20~120°C (68~230°F), 10 segment bar graph Display unit: 10°C (50°F) for each segment
○Top temperature record	Display range: 0~120°C (32~248°F)
●Fuel level	Display range: 10 segment bar graph Display unit: 10 % for each segment Setting range: 100Ω, 250Ω, 510Ω, 1200Ω, SW
○Fuel warning	Setting range: 10~50% ; Setting unit: 10%
●Clock	24H
●Volt meter	Display range: DC 8~18 V. Flashing warning when Voltage lower than 11.5 V or higher than 15.5 v.
●Top speed timer	The record including, Speed : 0~360 km/h (0~225 MPH) Distance : 0~999 M (0~3280 feet) Timer : 0~9'59"99 seconds
●**Effective voltage**	**DC 12V**
●Effective temperature range	-10~+60°C
●Meter standard	JIS D 0203 S2
●Meter size (W X L X H)	116.3 X 72.4 X 32.3 mm
●Meter weight	Around 286 g
●Telltales	⇦⇨ Repeater (Green) Low beam (Green) High beam (Blue) N Neutral (Green) Hazard (Red light) Temperature alarm (Red) Oil (Red)

E-mark approval

EX-02S

With its modern look, this EX-02S is the perfect meter for all dual applications. Its illuminated backlight makes the instrument very easy to read even when you ride at night. The EX-02S is equipped with all basic function and more. Featuring speed, odometer, trip meter, hour meter, voltage, clock and stopwatch as well as 6 indicator lights, this meter will give you all information you need.



●Speedometer	Display range: 0~360 km/h (0~225 MPH) Display unit: km/h & MPH for alternative
○Display internal	<0.5 second
○Odometer	Display range: 0~99999 km (mile), reset automatically after 99999km (mile) Display unit: 1 km (mile)
○Trip meter	Display range: 0~9999.9 km (mile), reset automatically after 9999.9 km (mile) Display unit: 0.1 km (mile)
○Hour mete	Display range: 0~9999.9 hour reset automatically after 9999.9 hour Display unit: 0.1 hour
○Clock	12/24 MODE
●Volt	8~18V
●Inner Battery Level	Display range: 4 levels.
●Clock	12/24 MODE
●**Supply voltage**	DC 12V
●Effective temperature range	-10~+60°C
●Meter standard	JIS D 0203
●Meter size (W X L X H)	120 X 40 X 23mm
●Meter weight	
●Indicator light color	High beam light (Blue) Direction light (Green) Engine Light (Yellow) N Neutral (Green) ⚠ Warning Light (Red)

Item number

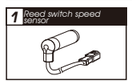
Backlight color	Display range	Panel color

★BA04801★

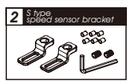
White On road Black

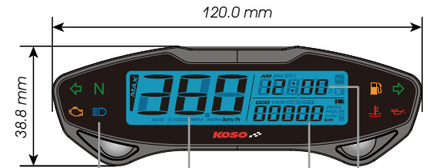
Option accessory

1 Reed switch speed sensor



2 S-type speed sensor bracket





Speedometer
- ●Display range : 0~360 km/h(0~225 MPH).
- ●Display unit : 1 km/h (MPH) for alternative.

Odo meter
- ●Display range : 0~99,999 km(mile).
- ●Display unit : 1 km(mile).

Trip meter
- ●Display range : 0.0~9,999.9 km(mile), automatically reset after 9,999.9 km(mile).
- ●Display unit : 0.1 km(mile).

Indicator light
- ●Right indication light (Green)
- ●Motor oil light (Red)
- ●Low fuel warning light (Amber)
- ●Water temperature light (Red)
- ●Neutral light (Green) N
- ●High beam light (Blue)
- ●Left indication light (Green)
- ●Engine light (Amber)

Clock
- ●Display range : 24H, 12H.

Volt meter
- ●Display range : DC 8.0~18.0 V.

Max Record function
- ●Average speed : 0~360 km/h(0~225 MPH)
- ●Max speed : 0~360 km/h(0~225 MPH)
- ●Max voltage : DC 8.0~18.0 V

Item number

Backlight color	Display range	Casing

★BA07600★

White 0~360 km/h Black

E-mark approval

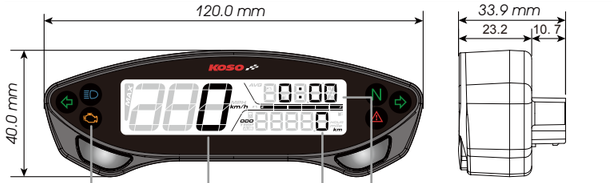
EX-03

This EX-03 speedometer is the perfect solution for all Enduro applications. Lightweight, compact and using a convenient speed sensor bracket, it can be quickly installed on most dirt bikes.
The EX-03 speedometer features all the basic functions such as speed, odometer,tripmeter, hour meter, voltage, stop?watch and clock.
This meter also has the illuminated background with adjustable brightness that allows a good visibility of the display whether your ride on a bright sunny day or at night time.

E-mark approval

EX-04

The EX-04 Speedometer is the ideal solution for all Enduro and off-road applications. Designed to be lightweight, compact, and easy to install, it comes with a convenient speed sensor bracket that fits most dirt bikes with minimal effort.
Equipped with essential functions such as speed, odometer, trip meter, hour meter, voltage, and clock, the EX-04 provides all the key information you need for every ride.
The illuminated backlight display with adjustable brightness ensures excellent visibility in all conditions — whether you're riding under bright sunlight or in the dark. Reliable, durable, and built for performance, the EX-04 keeps you informed and in control wherever your adventure takes you.



Speedometer
- Display range : 0~360 km/h(0~225 MPH).
- Display unit : 1 km/h (MPH) for alternative.

Odometer
- Display range : 0~99,999 km(mile), automatically resets after 99,999 km(mile).
- Display unit : 1 km(mile).

Trip meter A/B
- Display range : 0.0~9,999.9 km(mile), automatically resets after 9,999.9 km(mile).
- Display unit : 0.1 km(mile).

Indicator light
- High beam indicator(Blue)
- Left turn signal(Green)
- Engine indicator(Amber)
- Neutral indicator(Green)
- Right turn signal(Green)
- Warning indicator(Red)

Clock
- Display range : 0:00~23:59

Volt meter
- Display range : DC 8.0~18.0 V

Max Record function
- Average speed : 0~360 km/h(0~225 MPH)
- Max speed : 0~360 km/h(0~225 MPH)
- Max voltage : DC 8.0~18.0 V

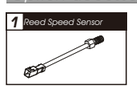
Fuel meter
- Display range : 6 levels
- Display unit : 1 level

Item number
Backlight color Display range Panel color

★ B A 0 9 1 0 0 0 ★
White On road Black

Option accessory

1 Reed Speed Sensor



Speedometer	Display range : 0 ~ 360 km/h(0~225 MHP) Display unit : 1 km/h(MHP), for alternative.
Odometer	Display range : 0 ~ 99,999 km(mile), Automatically resets after 99,999 km(mile) Display unit : 1 km(mile)
Trip meter A、B	Display range : 0.0 ~ 9,999.9 km(mile), Automatically resets after 9,999.9 km(mile) Display unit : 0.1 km(mile)
Hour meter	Display range : 0~9,999.9 hour, Automatically resets after 9,999.9 hour Display unit : 0.1 hour
Clock	Display range : 00:00~23:59
Volt meter	Display range : DC 8.0 ~ 18.0 V Display unit : DC 0.1 V
Fuel meter	Display range : 6 levels(0 ~ 100%) Display unit : 1 level(16.6 %)

MAX Record	Average speed：0~360 km/h(0~225 MPH) Max speed：0~360 km/h(0~225 MPH) Max voltage：DC 8.0~18.0 V
Operating temperature	-10 + 60 ℃
Specification	JIS D 0203 S2
Meter Size	120.0 x 40.0 x 33.9 mm
Meter Weight	± 67 g
Indicator	High beam indicator(Blue) Left turn signal(Green) Engine indicator(Amber) Neutral indicator(Green) Right turn signal(Green) Warning indicator(Red)

E-mark approval

DB-01R+

Our DB-01R+ is an upgraded version of our popular DB-01R. Perfect for motorcycle, street fighters or dual-sprots motorcycle, this meter features a large LED display which uses 3 different colors changeable backlights to make it easier to read during day or night riding. Get every information you need on this unique and lightweight meter that will enhance your motorcycle.

●Speedometer	Display range: 0~360 km/h (0~224 MPH) Display unit: km/h & MPH for alternative
○Display internal	<0.5 second
○Odometer	Display range: 0~99999 km (mile), reset automatically after 99999 km (mile). Display unit: 0.1 km (mile)
○Trip meter A/B	Display range: 0~999.9 km (mile), reset automatically after 999.9 km (mile) Display unit: 0.1 km (mile)
○Tire circumference	Setting range: 300~2,500 mm Setting unit: 1 mm Sensitive point: 1~20
●Bar graph tachometer	Display range: 10,000, 12,000, 15,000 RPM Display unit: 500 RPM
○Display internal	<0.5 second
○RPM input pulse	Range: 0.5, 1, 1.5, 2, 2.5, 3, 4, 5, 6
●Fuel meter	Display range: 6 levels Display unit: Each level represents 16.6 % Setting range: 100Ω ,250Ω ,510Ω ,1200Ω
○Insufficient fuel warning	Display range: The fuel reserve symbol begins to flash if only 1 grids left When Stage 0, the fuel indicator will light up
●**Effective voltage**	**DC 12V**
●Effective temperature range	-10~+60°C
●Meter standard	JIS D 0203 S2
●Meter size (W X L X H)	130 X 54 X 42.5 mm
●Meter weight	Around 90 g
●Telltales	N Neutral (Green) ; High beam (Blue) Direction (Green) ; Fuel (Yellow) Oil (Red) ; EOBD (Amber)

Item number
Backlight color Display range Panel color

★ B A 0 2 7 0 0 ★
Blue Black

●Speedometer	Display range：0 ~ 360 km (0 ~ 225 mile) Will blink when exceed range.
○Odometer	Display range : 0 ~ 99,999.9 km (mile), return to zero upon exceed.
○Trip meter A、B	Display range : 0 ~ 999.9 km (mile), return to zero upon exceed.
●Motor oil maintenance millage	Display range : Metric Unit :500 (~ 8,000 km, user adjustable) ~ -999 km, automatic decrease according to the increase of total mileage.
○Maximum speed record	Display range : 0 ~360 km (0 ~ 225 mile)
○Average speed record	Recording range : 0 ~ 360km/h (0 ~ 225 MPH)
○Tire circumference	Setting range : 300 ~ 2,500 mm
○Sensitive point	Setting range : 1 ~ 20 points
●Tachometer	Display range : 0 ~ 10,000 RPM、0 ~ 12,000 RPM、0 ~ 15000 RPM
○The RPM input signal number setting	Setting range : P-0.5,P-1~P-25
●Total hour meter	Display range :0 ~ 99,999.9 hour
○The RPM input pulse	Setting range : Io-Act, Hi-Act
○Hour meter A、B	Display range :0 ~ 9,999.9 hour
●Fuel level	Setting range : 100Ω、250Ω、270Ω、510Ω、1200Ω、SWITCH、USER
○Staged fuel gauge	Warning range : Fuel level warning stage below (including) setting value, fuel level symbol will blink.
○Digital fuel gauge	Setting range : 0 ~ 100 %
○Low fuel warning	Setting range : 10 ~ 50 %, when lower than (including) setting value, fuel level symbol will blink.
●Volt meter	Display range : DC8.0 V ~ 16.0 V
●Clock format	Setting range : 12-hrs format, 24-hrs format
●Internal ODO	Display range : 0~99999.9 km (mile), user unadjustable.
●External ODO	Setting range : 0~99999 km (mile)
●**Effective voltage**	**DC 12 V**
●Effective temperature range	-10 ~ +60 °C
●Meter standard	JIS D 0203 (S2)
●Meter size / Meter weight	120 x 46 x 20 mm / Around 240 g
●Indicator light	Neutral (green) Right indication light (green) Water temperature (red) Motor oil (red) High beam light (blue) Left indication light (green) Fuel (yellow) Engine (yellow)

Item number
Backlight color Display range Casing

★ B A 0 4 1 0 0 0 ★
White 0~360 km/h Black

E-mark approval

DB-01RN

Our DB-01RN is a complete multifunction meter that will look perfect on your sports bike, street fighter or dual-sports motorcycle. It's large motorcycle and sleek design shape will give your motorcycle a unique look.
Want something different?
Set your motorcycle apart with the KOSO DB-01RN meter!

OFF ROAD VERSION — E-mark approval

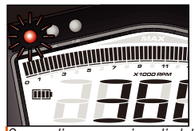
DB-02

The new DB-02 works with the inner battery is designed for the off-road bike without battery.
With the new dynamic design shape, the DB-02 could fit your off-road bike or ATV well.
With the changeable bar graphic tachometer function, you could adjust the bar graphic tachometer to fit different types engine as you need.
Except that, the new designed 3 stage shift light could make you to make the gear shift timing perfect.
Besides that, we add the digital tachometer function, so you could also switch the digital speedometerto digital tachometer when you want to use the meter on the race.

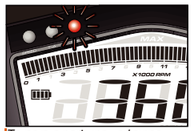
3 stages RPM shift lightt
- Setting range: 5,000~20,000 RPM
- Setting unit: 100 RPM

Speedometer
- Display range: 0~360 km/h (0~225 MPH).
- Display unit: km/h & MPH for alternative.

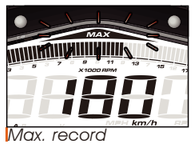
Digital Tachometer
- Display range: 20,000 RPM.
- Display unit: 10 RPM.



Speeding warning light



Temperature alarm



Max. record

Temperature alarm A/B
- Display range: 60~250°C (140~482°F)
- Display unit: 1°C (°F).

Volt meter
- Display range: DC 0~18.0 V
- Display unit: DC 0.1 V

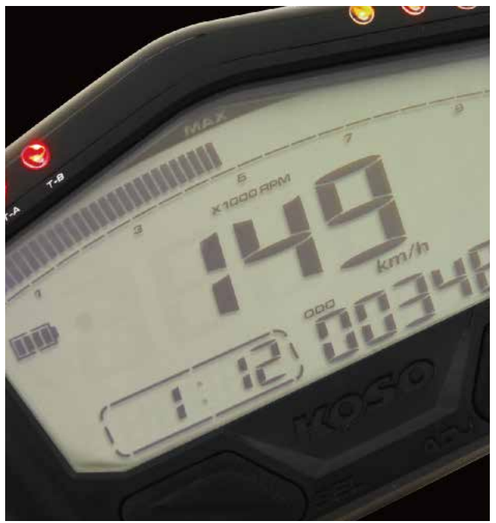
Fuel meter
- Display range: 0~100%
- Setting range: 100 Ω, 510 Ω, no display

Clock
- 24 H

Target Speed timer test

Target distance timer test

Top speed test



Item number

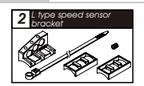
Backlight color	Display range	Panel color	
White	0~20,000 RPM	Black	★BA022W00★
	DB02 ONLY	Black	★BF650J02★

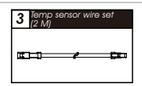
Attention!

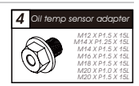
Option accessory

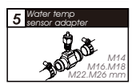
1 Disc magnet screw

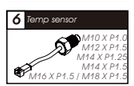
5/16-18 X 22.1L
M5 X P0.8 X 12L
M6 X P1.0 X 12.4L
M6 X P1.0 X 19.7L
M6 X P1.0 X 24L
M8 X P1.25 X 22.5L M8 X P1.25 X 27.5L
M8 X P1.25 X 29L M10 X P1.25 X 28.3L

2 L type speed sensor bracket


3 Temp sensor wire set (2 M)


4 Oil temp sensor adapter

M12 X P1.5 X 15L
M14 X P1.25 X 15L
M14 X P1.5 X 15L
M16 X P1.5 X 15L
M18 X P1.5 X 15L
M20 X P1.0 X 15L
M20 X P1.5 X 15L

5 Water temp sensor adapter

M14
M16,M18
M22,M26 mm

6 Temp sensor

M10 X P1.0
M12 X P1.5
M14 X P1.25
M14 X P1.5
M16 X P1.5 | M18 X P1.5

7 Cylinder head Temp sensor

M10
M14 mm

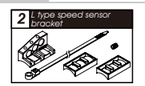
Item number

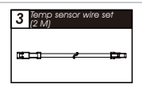
Backlight color	Display range	Panel color	
White	0~20,000 RPM	Black	★BA022W10★

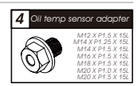
Option accessory

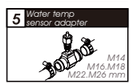
1 Disc magnet screw

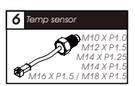
5/16-18 X 22.1L
M5 X P0.8 X 12L
M6 X P1.0 X 12.4L
M6 X P1.0 X 19.7L
M6 X P1.0 X 24L
M8 X P1.25 X 22.5L M8 X P1.25 X 27.5L
M8 X P1.25 X 29L M10 X P1.25 X 28.3L

2 L type speed sensor bracket


3 Temp sensor wire set (2 M)


4 Oil temp sensor adapter

M12 X P1.5 X 15L
M14 X P1.25 X 15L
M14 X P1.5 X 15L
M16 X P1.5 X 15L
M18 X P1.5 X 15L
M20 X P1.0 X 15L
M20 X P1.5 X 15L

5 Water temp sensor adapter

M14
M16,M18
M22,M26 mm

6 Temp sensor

M10 X P1.0
M12 X P1.5
M14 X P1.25
M14 X P1.5
M16 X P1.5 | M18 X P1.5

7 Cylinder head Temp sensor

M10
M14 mm

OFF ROAD VERSION — E-mark approval

DB-02R

The new DB-02R is designed for the street bike with battery.
With the elegant white Backlight, the meter display will become very clear in the night time.
Same as the DB-02, the meter comes with the changeable graphic tachometer which could fit almost all kinds of engines on the market.
Except the function DB-02 has, the DB-02R comes with the power test function for you to test the performance of your bike.
The new added engine hour meter is designed for you to maintain the engine especially for the dirt bike or ATV.

DB-02

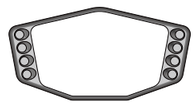
●Speedometer	Display range: 0~360 km/h (0~225 MPH) Display unit: km/h & MPH for alternative
○Display internal	<0.5 second
○Odometer	Display range: 0~99999 km (mile), reset automatically after 0~99999 km (mile) Display unit: 1 km (mile)
○Trip meter A/B	Display range: 0~999.9 km (mile), reset automatically after 0~999.9 km (mile) Display unit: 0.1 km (mile)
○Speeding warning light	Setting range: 30~360 km/h (19~225 MPH) Setting unit: 1 km/h (MPH)
○Top speed record	Display range: 0~360 km/h (0~225 MPH)
○Tire circumference	Setting range: 300~2,500 mm Setting unit: 1 mm・Sensor point: 6
●Digital Tachometer	Display range: 20,000 RPM Display unit: 10 RPM
●Bar graph tachometer	Display range: 10,000 RPM, 60 segment bar graph Display unit: 166 RPM for each segment Display range: 15,000 RPM, 60 segment bar graph Display unit: 250 RPM for each segment Display range: 20,000 RPM, 60 segment bar graph Display unit: 333 RPM for each segment
○RPM shift light	Display range: 5,000~20,000 Display unit: 100 RPM
○Pre-shift light A/B	Display range: -500~-5,000 before the shift light Display unit: 100 RPM
○Max. RPM record	Display range: 0~20,000 RPM
○RPM input pulse	Display range: 0.5, 1, 1.5, 2, 2.5, 3, 4, 5, 6
●Hour meter	Display range: 0~999.9 H Display unit: 0.1 H (6 S)
●Thermometer	Display unit: °C & °F for alternative
●Thermometer A/B	Display range: 0~250°C (32~482°F) Display unit: 0.1°C (°F)
○Display internal	<0.5 second
○Temperature alarm A/B	Display range: 60~250°C (140~482°F) Display unit: 1°C (°F)
○Top temperature record	Display range: 0~250°C (32~482°F)
●Volt meter	Display range: DC 0~18.0 V Display unit: DC 0.1 V
●Backlight	DC 12V
●Battery type (LCD display)	CR 2032
●Battery life time	Around 220 hours nonstop
●Effective temperature range	-10~+60°C
●Meter standard	JIS D 0203 S2
●Meter size	100 X 60 X 20 mm
●Meter weight (W X L X H)	Around 200 g
●Telltales	Speeding (Red) Temperature alarm A/B (Red) RPM shift light A (Yellow) RPM shift light B (Orange) RPM Shift light (Red)

DB-02R

●Speedometer	Display range: 0~360 km/h (0~225 MPH) Display unit: km/h & MPH for alternative
○Display internal	<0.5 second
○Odometer	Display range: 0~99999 km (mile), reset automatically after 0~99999 km (mile) Display unit: 1 km (mile)
○Trip meter A/B	Display range: 0~999.9 km (mile), reset automatically after 0~999.9 km (mile) Display unit: 0.1 km (mile)
○Speeding warning light	Setting range: 30~360 km/h (19~225 MPH) Setting unit: 1 km/h (MPH)
○Top speed record	Display range: 0~360 km/h (0~225 MPH)
○Tire circumference	Setting range: 300~2,500 mm Setting unit: 1 mm・Sensor point: 20
●Digital Tachometer	Display range: 20,000 RPM Display unit: 10 RPM
●Bar graph tachometer	Display range: 10,000 RPM, 60 segment bar graph Display unit: 166 RPM for each segment Display range: 15,000 RPM, 60 segment bar graph Display unit: 250 RPM for each segment Display range: 20,000 RPM, 60 segment bar graph Display unit: 333 RPM for each segment
○RPM shift light	Display range: 5,000~20,000 Display unit: 100 RPM
○Pre-shift light A/B	Display range: -500~-5,000 before the shift light Display unit: 100 RPM
○Max. RPM record	Display range: 0~20,000 RPM
○RPM input pulse	Display range: 0.5, 1, 1.5, 2, 2.5, 3, 4, 5, 6
●Hour meter	Display range: 0~999.9 H Display unit: 0.1 H (6 S)
●Thermometer	Display unit: °C & °F for alternative
●Thermometer A/B	Display range: 0~250°C (32~482°F) Display unit: 0.1°C (°F)
○Display internal	<0.5 second
○Temperature alarm A/B	Display range: 60~250°C (140~482°F) Display unit: 1°C (°F)
○Top temperature record	Display range: 0~250°C (32~482°F)
●Fuel meter	Display range: 0~100% Setting range:100Ω,510Ω,no display
○Insufficient fuel warning	Setting range:10~50 % Setting unit:10 %
●Volt meter	Display range: DC 0~18.0 V Display unit: DC 0.1 V
●Target speed timer	Setting range: 30~360 km/h (20~225 MPH) Setting unit: 5 km/h (MPH)
●Target distance timer	Setting range: 1/32~30/32 mile (50~1,500 M) Setting unit: 1/32 mile (50 M)
●Top speed timer	The record including, 1. Speed: 0~360 km/h (0~225 MPH) 2. Distance: 0~999 M (0~3,280 feet) 3. RPM: 0~20,000 RPM 4. Timer: 0~9'59"99 second.
●**Effective voltage**	**DC 12V**
●Effective temperature range	-10~+60°C
●Meter standard	JIS D 0203 S2
●Meter size	100 X 60 X 20 mm
●Meter weight (W X L X H)	Around 200 g
●Telltales	Speeding (Red) Temperature alarm A/B (Red) RPM shift light A (Yellow) RPM shift light B (Orange) RPM Shift light (Red)

●**Effective voltage**	**DC 12 V**
●Effective temperature range	-10~+60°C
●Meter standard	JIS D 0203 S2
●Meter size (W X L X H)	141.5 X 72.4 X 18.4 mm
●Meter weight	Around 68.5g

Item number
Backlight color Display range Panel color



*B A 0 2 2 0 0 0 *
Black

Option accessory

*B 0 0 1 3 G 0 0 * Green Black	*B 0 0 1 3 G 0 2 * Green Black	*B 0 0 1 3 R 0 1 * Red Black
*B 0 1 3 B 0 0 * Blue Black	*B 0 0 1 3 G 0 3 * Green Black	*B 0 0 1 3 Y 0 0 * Yellow Black
*B 0 0 1 3 R 0 2 * Red Black	*B 0 0 1 3 G 0 4 * Green Black	*B 0 0 1 3 R 0 4 * Red Black
*B 0 0 1 3 0 0 0 * Orange Black	*B 0 0 1 3 R 0 0 * Red Black	*B 0 0 1 3 R 0 3 * Red Black
*B 0 0 1 5 K 0 0 * Black Black	*B 0 0 1 3 Y 0 1 * Orange Black	*B 0 0 1 3 R 0 5 * Red Black

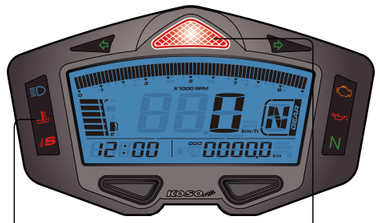
THE PLUG-IN INDICATOR KIT
FOR DB-02 & DB-02R

The indicator light kit is developed for the DB-02 & DB-02R meter for on-road use.
Unlike the indicator light kit in the market, the new indicator light kit comes with different telltale symbols, so you could assemble it according to your own demands.
There is no need to force yourself to fit some kit doesn't match your bike any more.

E-mark approval

DB-03R

The DB-03R is the perfect fitfor any street bikes. Its blue backlight makes it very easy to read at night even at high speed. The integrated indicator lights do provide all the necessary information for any street use. The changeable RPM scale allows this gauge to fitabout any engine applications. This instrument also features a gear indicator and shift light which will allow you to shift in the perfect gear. Beside those great functions, the DB-03R features : speed, odometer, trip meter, RPM, temperature, volt, fuel level and a lot more !



The RPM Red, Yellow shift light
- Setting range: 1,000~15,000 RPM
- Setting unit: 100 RPM
- Warning: Light on (F-OFF), Flash (F-ON)

Temperature alarm

MAX record

Temperature warning
- Setting range: 60~250°C (140~482°F)
- Setting unit: 1°C (°F)

Item number	Backlight color	Display range	Panel color
★BA03801★	3color	Universal	Black
★BA03890★	3color	Honda MSX	Black

Option accessory

1 Disc magnet screw
5/16-18 X 22.1L
M5 X P0.8 X 15L
M6 X P1.0 X 12.6L
M6 X P1.0 X 19.7L
M6 X P1.0 X 24L
M8 X P1.25 X 22.5L M8 X P1.25 X 27.5L
M8 X P1.25 X 29L M10 X P1.25 X 28.3L

2 E type speed sensor bracket

3 Temp sensor wire set (2 M)

4 Oil temp sensor adapter
M12 X P1.5 X 15L
M14 X P1.25 X 15L
M14 X P1.5 X 15L
M16 X P1.5 X 15L
M18 X P1.5 X 15L
M20 X P1.0 X 15L
M20 X P1.5 X 15L

5 Water temp sensor adapter
M14
M16.M18
M22.M26 mm

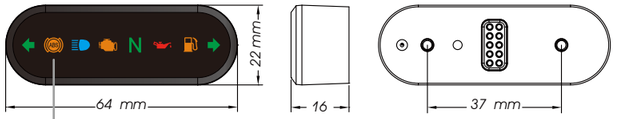
6 Temp sensor
M10 X P1.0
M12 X P1.5
M14 X P1.25
M14 X P1.5
M16 X P1.5 / M18 X P1.5

7 Cylinder head temp sensor
M10
M14 mm

Speedometer	Display range: 0~360 km/h (0~225 MPH) Display unit: km/h (MPH), for alternative
Display internal	<0.5 second
Odometer	Display range: 0~99999 km (mile), reset automatically after 99999 km (mile) Display unit: 1 km (mile)
Trip meter A/B	Display range: 0~999.9 km (mile), reset automatically after 999.9 km (mile) Display unit: 0.1 km (mile)
Speeding warning	Setting range: 30~360 km/h (19~225 MPH) Setting unit: 1 km/h (MPH)
Total hour meter	Display range: 0~99999 H Display unit: 1 H
Hour meter A.B	Display range: 0.0~999.9 H Display unit: 0.1 H
Tire circumference	Setting range: 300~2,500 mm Setting unit: 1 mm• Sensitive point: 1~20
Tachometer	Display range: 0~10,000 / 0~12,000 / 0~15,000 RPM Display unit: 10,000 RPM-Each level represents 166 RPM, 12,000 RPM-Each level represents 200 RPM, 15,000 RPM-Each level represents 250 RPM
Display internal	<0.5 second
The RPM Red, Yellow shift light	Setting range: 1,000~15,000 RPM Setting unit: 100 RPM
Warning	Light on (F-OFF) / Flash (F-ON)
MAX RPM record	Display range: 0~10,000 / 0~12,000 / 0~15,000 RPM
The RPM input signal number setting	Setting range: 0.5, 1~24
The RPM input pulse	Setting range: HI (The positive wave pulse) Lo (The negative wave pulse)
Temperature unit	Display unit: °C & °F for alternative
Thermometer	Display range: 0.0~250.0°C (32.0~482.0°F) Display unit: 0.1°C (°F)
Over heat warning (Water temperature)	Setting range: 60~250°C (140~482°F) Setting unit: 1°C (°F)
Top temperature record	Display range: 0~250°C (32~482°F)
Gear meter	Display range: N, 1, 2, 3, 4, 5, 6, 7, 8, 9
Fuel meter	Display unit: Each level represents 16.6 % Setting range: 100Ω, 250Ω, 510Ω, 1200Ω, SW
Clock	24H
Volt meter	Display range: DC 8~18 V. Flashing warning when Voltage lower than 11.5 V or higher than 15.5 v
Backlight brightness Right	Setting range: 1-5 (Darkest)~5-5 (Brightest) Display unit: Each level represents 20 %
Backlight color	Setting range: blue, orange, light purple
Effective voltage	**DC 12V**
Effective temperature range	-10~+60°C
Meter standard	JIS D 0203 S2
Meter size (W X L X H)	120 X 68.5 X 44.1 mm
Meter weight	Around 127.3 g
Telltales	High beam (Blue) Repeater (Green) Neutral (Green) EOBD (Amber) Oil (Red) Speeding warning (Red) RPM shift light (Yellow / Red) Temperature alarm (Red)

LED TELLTALES METER

Regardless of whether it's day or night, this new Koso Indicator light display will provide all the information you need and fit on any motorcycle, scooter or other vehicle. Its discreet and classy style will complement your motorcycle while being easy to read.



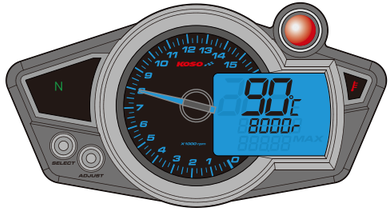
Indicator

- Left indication light (Green)
- ABS light (Amber)
- High beam light (Blue)
- Engine light (Amber)
- Neutral light (Green) N
- Motor oil light (Red)
- Low fuel warning light (Amber)
- Right indication light (Green)

Item number

RX1NR+

Most of the tachometers designed for race is digital, and many racers really want to have a big tachometer works in needle for them to check the RPM easily during the race. Now KOSO bring you the new race RX1NR+ with the 64 mm needle tachometer driven by the stepper motor with real time respond, and a temperature meter for you to check the engine situation during the race.
With the shift light and max record function, you could get all the information you need for race.
Get the new RX1NR to monitor your engine, and enjoy the race.



MAX record

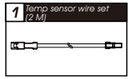
●Tachometer	Display range: 0~16,000 RPM
●Digital Tachometer	Display range: 0~16,000 RPM ; Display unit: 100 RPM
○Shift light (Red / Yellow)	Display range: 0~16,000 RPM ; Display unit: 100 RPM
○MAX RPM record	Display range: 0~16,000 RPM
○Piston setting	Setting range: 0.5. 1. 1.5. 2. 2.5. 3. 4. 5. 6
○The RPM input pulse	Setting range: Hi (The positive wave pulse) Lo (The negative wave pulse)
●Thermometer	Display range: 0~250°C (32~399°F)
○Over heat warning light	Setting range: 60~250°C (140~399°F) Setting unit: 1°C (°F)
●Backlight color	Blue
●**Battery type**	**9V-1604, 6LR61**
●Effective temperature range	-10~+60°C
●Meter standard	JIS D 0203 S2
●Meter size (W X L X H)	151.8 X 81.5 X 52.5 mm
●Meter weight	Around 212 g

Item number
Backlight color Display range Panel color

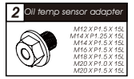
★ B A 0 1 1 1 0 0 ★
Blue 0~16,000 RPM Black

Option accessory

1 Temp sensor wire set (2 M)



2 Oil temp sensor adapter

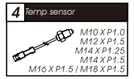


M12 X P1.5 X 15L
M14 X P1.25 X 15L
M14 X P1.5 X 15L
M16 X P1.5 X 15L
M18 X P1.5 X 15L
M20 X P1.0 X 15L
M20 X P1.5 X 15L

3 Water temp sensor adapter

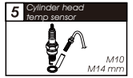
M14
M16.M18
M22.M26 mm

4 Temp sensor



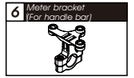
M10 X P1.0
M12 X P1.5
M14 X P1.25
M14 X P1.5
M16 X P1.5 / M18 X P1.5

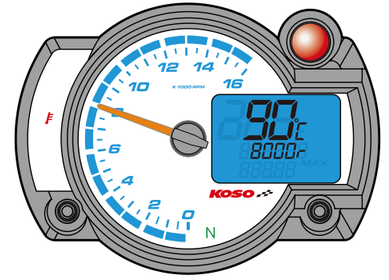
5 Cylinder head temp sensor



M10
M14 mm

6 Meter bracket (For handle bar)

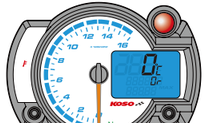




MAX record

●Tachometer	Display range: 0~16,000 RPM
●Digital Tachometer	Display range: 0~16,000 RPM ; Display unit: 100 RPM
○Shift light (Red / Yellow)	Display range: 0~16,000 RPM ; Display unit: 100 RPM
○MAX RPM record	Display range: 0~16,000 RPM
○Piston setting	Setting range: 0.5. 1. 1.5. 2. 2.5. 3. 4. 5. 6
○The RPM input pulse	Setting range: Hi (The positive wave pulse) Lo (The negative wave pulse)
●Thermometer	Display range: 0~250°C (32~399°F)
○Over heat warning light	Setting range: 60~250°C (140~399°F) Setting unit: 1°C (°F)
●Backlight color	Blue
●**Battery type**	**9V-12V**
●Effective temperature range	-10~+60°C
●Meter standard	JIS D 0203 S2
●Meter size (W X L X H)	135.7 X 100.7 X 52 mm
●Meter weight	Around 240 g

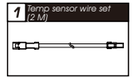
Item number
Backlight color Display range Panel color



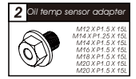
★ B A 0 1 5 0 1 0 ★
Blue 0~16,000 RPM White

Option accessory

1 Temp sensor wire set (2 M)

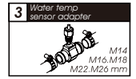


2 Oil temp sensor adapter



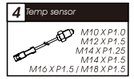
M12 X P1.5 X 15L
M14 X P1.25 X 15L
M14 X P1.5 X 15L
M16 X P1.5 X 15L
M18 X P1.5 X 15L
M20 X P1.0 X 15L
M20 X P1.5 X 15L

3 Water temp sensor adapter



M14
M16.M18
M22.M26 mm

4 Temp sensor



M10 X P1.0
M12 X P1.5
M14 X P1.25
M14 X P1.5
M16 X P1.5 / M18 X P1.5

5 Cylinder head temp sensor

M10
M14 mm

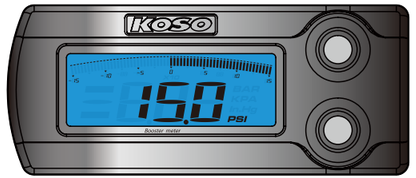
6 Meter bracket (For handle bar)

RX2NR+

If the RX1NR+ is still too small for you need please try the RX2NR+. With the 80 mm needle tachometer driven by the stepper motor with real time respond, and a temperature meter, it will be easier for you to check the engine situation during the race. With the settable shift light and max record function, you could get all the information you need for race.
Get the new RX2NR+ to monitor your engine, and enjoy the race.
There are more and more racer practice in the night, so we heard the demand of backlight from the customers. For this reason, we make a upgraded on the RX2N+ to make the meter comes with the backlight. In this case, it will be easier for the customer to use the meter in the night.

X-1 Boost Gauge

Today, many horsepower enthusiasts are upgrading their engine with Turbo or Supercharger. For this reason, we came up with this basic boost gauge with warning and peak functions. Made to resist cold temperature, water or dust, this gauge can be adapted to any engines with turbo or supercharger. The changeable scale from 15 to 30 psi, the warning and peak recall function makes it a great tool.



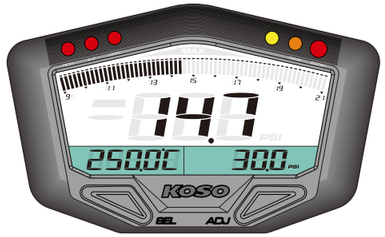
●Boost Pressure digital dispaly	Display range: 0~30 PSI, will blink to warn at overrange. Display unit: 0.5 PSI
○Boost Pressure scale	Display range: 0~15 PSI ; Display unit: 0.5 PSI Display range: 0~30 PSI ; Display unit: 1 PSI
●**Supply voltage**	**AC/DC 12V**
●Effective temperature range	-10~+60°C
●Meter standard	JIS D 0203 S2
●Meter size (W X L X H)	99.6 X 42 X 22.5 mm
● Meter weight	Around 85 g

Item number

Backlight color Display range Panel color

★ B A 0 2 9 0 0 0 ★

Blue



●AFR Meter	Display Range: 9.0 24.0, flashes when the current value exceed the set value.
○AFR Level Display	Display Range:9~21 Dispaly Unit:0.2
●Pressur Meter	Display Range±0.0~30.0 PSI flashes when the current Display Range±0.0~30.0 PSI flashes when the current Display Unit:0.5 PS
○Pressure Level Display	Display Range:± 0~15 PSI ; Display Unit:0.5 PSI Display Range:± 0~30 PSI ; Display Unit:1 PSI
●Thermometer	Display Range:0.0~250°C (32.0~482.0°F) Display Unit:0.1°C (°F)
●Temperature Warning Light	Setting Range:60.0~250.0°C (140.0~482.0°F) Display Unit:0.1°C (°F)
●**Supply voltage**	**DC 12V**
●Effective temperature range	-10~+60°C
●Meter standard	JIS D 0203 S2
●Meter size (W X L X H)	100 X 60 X 20 mm
●Meter weight	Around 200 g
●Indicators	ARE (Green) Pressure (Red) Low AFR (Red) High AFR (Red) Temperature (Red)

Item number

Backlight color Display range Panel color

★ B A 0 2 9 0 0 1 ★

White

X-2 Boost Gauge

This new multi-function unit is a great tool for all horsepower enthusiasts that are upgrading their engine with Turbo or Supercharger. Following many requests, we came up with a unit that combines Boost, air fuel ratio and a temperature function who can be installed on the cooling system or the intercooler. This gauge is made to resist cold temperature, water or dust. It can be easily adapt to any engines with turbo or supercharger. The X-2 instrument will give you precious informations to help you pull out more horsepower out of the engine or save it from bad damages.

EGT-02R EVO

The EGT-02R EVO is an evolution of our original dual exhaust temperature meter. This new meter allows you to tune your engine more precisely and keep a record of your previous runs (up to 50). It also includes features such as RPM & water temperature. You will have the ability to set a warning for each setting including water temp, RPM & EGT The red flashing of the screen makes it very easy to see if something is going wrong with the engine. This tool could save your motor!

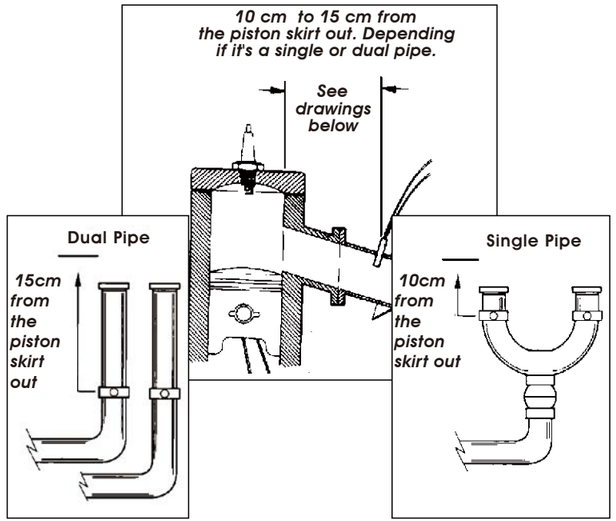
Temperature alarm

●Temperature	Display unit：°C, °F
●EGT L/R	Display Range：100~1,200°C(250~2,100°F) Display unit: 1°C (°F)
○Warning for temp (EGT L/R)	Setting range：200~1,000°C(392~1,832°F) Setting unit: 1°C (°F)
●Water temperature	Display Range：0~250°C(32~482°F) Display unit: 1°C (°F)
○Warning for temp (Water)	Setting range：60~250°C(140~482°F) Setting unit: 1°C (°F)
●Tachometer	Display Range：0~15,000 RPM Display unit: 10 RPM
○Type of RPM signal	Setting range：HiAct、LoAct
○RPM input pulse	Setting range：P-0.5、P-1、P-1.5、P-2、P-2.5、P-3~P-24
○Warning for RPM	Setting range：5,000~15,000 RPM
●Max. EGT record	Display Range：200~1,000°C(392~1,832°F) Display unit: 1°C (°F)
●Max. Water record	Display Range：60~250°C(140~482°F) Display unit: 1°C (°F)
●Max. RPM record	Display Range：15,000 RPM Display unit: 100 RPM
●Voltmeter	Display Range：0.8~18.0 V
○Warning for low voltage	Setting range：8.0 ~ 13.0 V Setting unit: 0.1 V
○Warning for high voltage	Setting range：13.0 ~ 16.0 V Setting unit: 0.1 V
●Auto/Manual Record Stop	Display Range：0~60 Sec Display unit:1 Sec
●Backlight brightness	Display Range：1 - 5 (darkest)~ 5 - 5 (brightest)
●**Supply voltage**	**DC 12 V**
●Temperature range	-30~+60°C
●Specifications	JIS D 0203
●Meter size	W124 X L58.5 X H22 mm
●Meter weight	+/- 170 g

Item number			Item number		
Backlight color	Display range	Panel color	Backlight color	Display range	Panel color

Blue EGT

Blue RPM / EGT

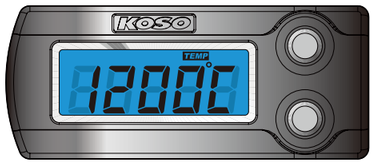


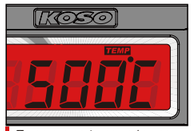
INSTRUCTIONS

The temperature indicated on your gauge is the temperature at the tip of your exhaust sensor.
This temperature is different for each sleds on the market.
An engine should never be tune by exhaust temperature alone.
The exhaust gas temperatures are a great tuning aid but they are not the final word.
The normal temperature range for most sleds will range between 593°C and 676°C depending on the engine set up.
The temperature indicated should always be correlated with the piston and plug color Generally , probe location should be between 10 cm to 15 cm from the piston skirt out.
Each sled and exhaust systems manufacturer have their own specifications for probelocation and running temperature.
To be more precise, these manufacturing companies should be contacted for all the details needed.

EGT

This nice backlighted Exhaust temperature gauge will give you precious informations on your engine. It will allow you to tune more precisely your engine. Its warning could even save your engine from bad damages !





Temperature alarm

Switch °C to °F
●In main screen, press down the **Select button** to switch °C to °F.

●Temperature	Display range: 100~1,200°C (250~2,100°F) Display unit: 1°C (°F)
○Temperature alarm	Setting range: 200~1,000°C (392~1,832°F) Setting unit: 1°C (°F)
○Top temperature record	Display range: 100~1,200°C (250~2,100°F) Display unit: 1°C (°F), °C & °F for alternative
○Display internal	<0.5 second
●**Supply voltage**	**DC 12V**
●Effective temperature range	-10~+60°C
●Meter standard	JIS D 0203 S2
●Meter size (W X L X H)	99.6 X 42 X 22.5 mm
● Meter weight	Around 85 g

Item number

Backlight color	Display range	Panel color

Item number

Backlight color	Display range	Panel color

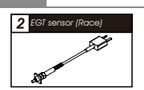
Blue

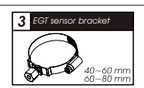
Item number

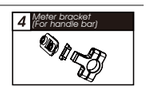
Backlight color	Display range	Panel color

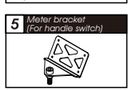
Blue

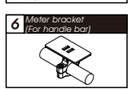
Option accessory

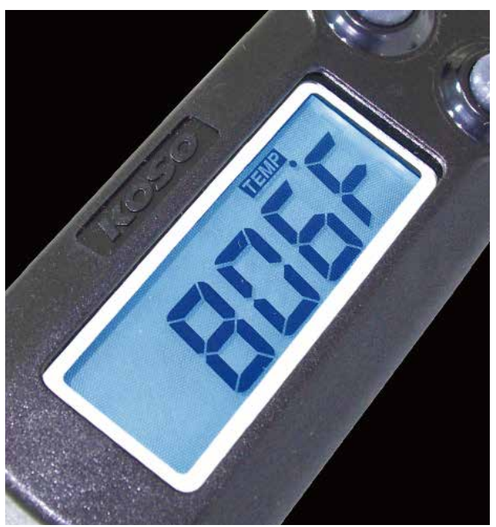












Over lean warning.

●Air / fuel ratIO meter	Display range:10.0 ~24.0
●Over lean setting	LEAN 14.8~24.0
●Over rich setting	RICH 14.6~10.0
●Display internal	<0.5 second
●**Supply voltage**	**DC 12V**
●Effective temperature range	-10~+60°C
●Meter standard	JIS D 0203 S2
●Meter size (W X L X H)	99.6 X 42 X 22.5 mm
● Meter weight	Around 85 g

Item number

Backlight color	Display range	Panel color

Blue

Option accessory

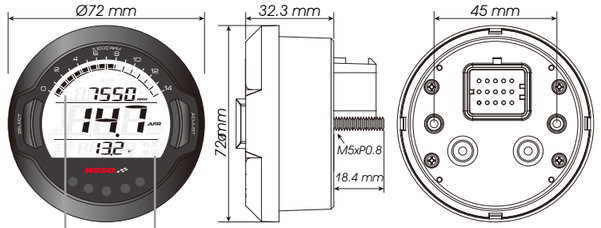
Wide Band A/F Ratio

This nice backlighted Wideband Air/Fuel Ratio Gauge will give you precious informations on your engine. It will allow you to tune more precisely your engine. Its warning could even save your engine from bad damages ! Its programmable warning will tell if your engine run too lean or too rich. Work on 2 and 4 stoke engines. Require 12V DC power.

DL-03A
A/F & RPM Data Logger

The DL-03A is the newest addition into our lineup of multifunction meters which features air fuel ratio reading, RPM and playback ability to optimize your rides performance. The large digits and bright backlight makes it easy to read at anytime. This meter is also easy to operate, compact and lightweight and can be mounted to many applications including snowmobiles, UTV's and more.

NEW !



Tachometer
- Display Range : 0 ~ 14,000 RPM
- Display unit : 100 RPM

Tachometer (Displays in segments)
- Display Range :

Displays in 14 segments (100 RPM each segment) Air-fuel ratio
- Display Range : 9.0 ~ 24.0
- Display unit : 0.1

Air-fuel ratio (Displays in segments)
- Display Range : Displays in 12 segments

Play mode Speed
- 1x play/pause
- 1/3x play/pause
- 3x play/pause
- 1x rewind/pause

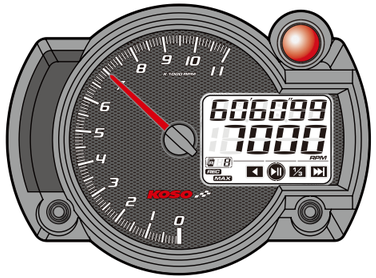
Item number

Backlight color	length	Bezel
White	6 foot	Black
White	12 foot	Black

●Tachometer	Display Range : 0 ~ 14,000 RPM Display unit : 100 RPM
●Tachometer (Display in segments)	Display Range : Displays in 14 segments (100 RPM each segments)
●RPM input pulse	Setting range : 0.5 , 1 , 1.5 ,2 , 2.5 , 3 , 4 , 5 , 6 ,7 , 8 , 9 , 10 , 11 , 12 , 13 , 14 , 15 , 16 , 17 , 18 ,19 , 20 , 21 , 22 , 23 , 24
●Type of RPM signal	Setting range : Hi Act, Lo Act Default value : Hi Act
●Warning for RPM	Setting range : 1,000 ~ 14,000 RPM Setting unit : 100 RPM Default value : 8,000 RPM
●Warning for low voltage	Setting range : 8.0 ~ 13.0 V Setting unit : 0.1 V Default value : 11.5 V
●Backlight brightness	Setting range : 1 - 5 (darkest)~ 5 - 5 (brightest) Default value : 5
●Air-fuel ratio	Display Range : 9.0 ~ 24.0 Setting unit : 0.1
●Warning for Rich air-fuel ratio	Setting range : 9.0 ~ 14.7 Setting unit : 0.1 Default value : 14.4
●Warning for Lean air-fuel ratio	Setting range : 14.7 ~ 24.0 Setting unit : 0.1 Default value : 15.0
●Air-fuel ratio (display segments)	Display Range : Displays in 12 segments
○Operating voltage	DC 12V
●Temperature range	-10 ~ +60°C
○Specifications	JIS D 0203(S2)
●Meter Size	72 X 32.3 mm
○Meter Weight	About 100 g

RX2NS

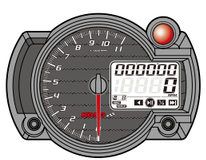
Our RX-2NS data logger is the perfect meter for drag and oval racers. Made from the best components and latest technology, it allows the user to playback his runs easily. The 390 minutes internal memory gives the opportunity to record up to 50 runs. Its heated screen will allow the user to play with it even under winter condition. The programmable shift light and piston setting makes it accessible to about any 2 or 4 stokes engine. This makes it a great tool to help findthe right clutching or gear ratio.



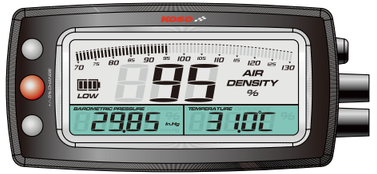
MAX record

●Tachometer	Display range: 0~11,000 RPM ; Display unit: 100 RPM
●Digital Tachometer	Display range: 0~11,000 RPM ; Display unit: 10 RPM
○Shift light	Setting range: 100~11,000 RPM ; Setting unit: 100 RPM
○MAX RPM record	Display range: 0~11,000 RPM
○Records	Number of records: 50 sessions
○Recording Time	Duration of recording: 99'59"99 Total duration of recording: Approx. 6.30 Hours
●Play mode	1x play/pause. 1/3x play/pause 3x play/pause. 1x rewind/pause
●**Effective voltage**	**DC 12V**
●Effective temperature range	-10~+60°C
●Meter standard	JIS D 0203 S2
●Meter size (W X L X H)	135.7 X 100.7 X 52 mm
●Meter weight	Around 240 g

Item number
Backlight color Display range Panel color



★ B A 0 1 5 4 0 0 ★
White 0~11,000 RPM Black



●Digital air density in %	Indicating range: 50~150%, will blink to warn at over-range Indicating unit: 1%
●Air density scale in %	Indicating range: 70~130% Indicating unit: 1%
●Barometric pressure	Indicating range: hPa: 500~1150 hPa MmHg: 375.0~862.5 mmHg inHg: 14.76~33.95 inHg Indicating range: hPa: 1 hPa mmHg: 0.5 mmHg inHg: 0.1 inHg
●Air temperature	Indicating range: -20.0~80.0°C (-4.0~176.0°F), will blink to warn at over-range
●Battery remaining capacity	Indicating range: 4 - stage indication Warning range: will blink to warn the battery power is LOW
●Battery cell	CR 2032
●Unit body using temperature range	-10~+60°C (14~+140°F)
●Unit body specification	JIS D 0203 S2
●Unit body dimension	87.2 X 44.2 X 20.85 mm
●Unit body weight	82g approximately
●Warning Light	Warning light will come "ON" if the air density goes 5% higher or lower than the reference point.

Item number
Backlight color Display range Panel color

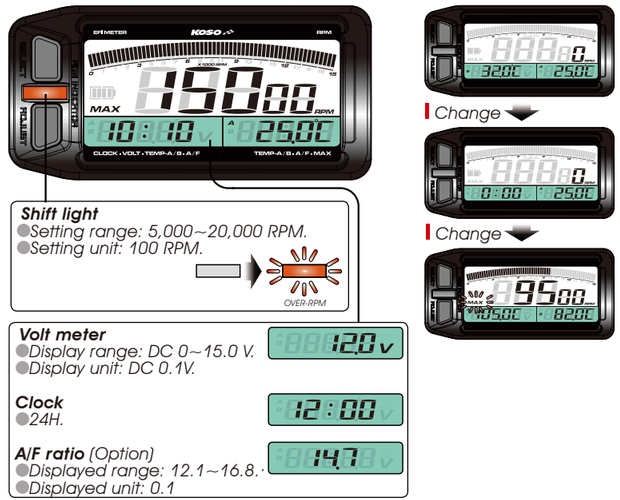
★ B C 0 0 1 6 0 1 ★
White

Air Density Meter

This is a great tool for serious engine tuners. Our air density meter allows to see if the air density has changed. It could help you determine if the jetting or fuel mapping should be adjusted. Altitude, temperature and atmospheric pressure can affect quickly the performance of the engine. Our meter will instantly tell you if the condition has change so the proper changes can be made on the engine. This is a must for performance enthusiasts since it will help get the extra horsepower out of the engine or it could even save the engine from bad damages.

EFI Multi Meter

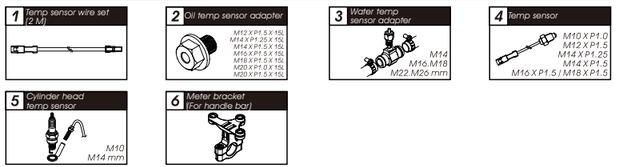
Follwing customer request, we came up with this useful optional air/fuel ratio function. This instrument has a large graph bar and RPM digits, which makes it very easy to read, even at high speed. The adjustable scale for 10 000, 15 000 or 20 000 RPM allows this meter to adapt to almost any type of engine. Other than its RPM and 2 temperature readings, this meter also features voltage and clock functions. It's programmable shift light and temperature warning lights will help you monitor your engine and make it the perfect racing tool!



Item number
Backlight color Display range Panel color

★ B A 0 5 2 0 0 1 ★
White 0~20,000 RPM

Option accessory



●Digital Tachometer	Display range:0~20,000 RPM Display unit:100 RPM
●Level Tachometer	Display range:OFF、0~10,000、15,000、20,000 RPM
○Display internal	<0.5 second
○Shift light	Setting range:5,000~20,000 RPM Setting unit:100 RPM
○MAX RPM record	Display range:0~20,000 RPM
○Stroke / Piston	Setting range:2 Stroke:1.2.3.4.6 pistons 4 Stroke:1.2.4.6.8.10.12 pistons
●Thermometer	Display unit:˚C & ˚F for alternative
●Thermometer A/B	Display range:0~250 °C (32~482 °F) Display unit:0.1 °C (°F)
○Display internal	<0.5 second
○Thermometer alarm	Setting range:60~250 °C (140~482 °F) Setting unit:1 °C (°F)
○MAX temperature record	Display unit:0~250 °C (32~248 °F)
○Air/ Fuel ratio	Display range:12.1~16.8 Display unit:0.1
○Volt meter (Input power needed, can't work with CR 2032)	Display range:DC 8.0~18.0 V Display unit:DC 0.1 V
●Clock	24 H
●Effective voltage	CR 2032 (Lifetime around 2 years)
●External power	DC 12 V
●Effective temperature range	-10~+60 °C
●Meter standard	JIS D 0203 S2
●Meter size	87.5 X 42 X 20.8 mm
●Meter weight	Around 72.4 g
●Indicator light color	RPM shift light (Red) Temperature A alarm (Blue) Temperature B alarm (Green)

GPS Lap Timer

Follwing the popular demand, our crew of engineers have developed a high-tech GPS lap timer to accommodate professional and amateur riders. By using the GPS technology, this lap timer will allow you to get a precise and accurate reading without having to install different beacons around the track. This instrument records up to 200 laps, as well as; speed average speed and many other great functions Last but not least, this lapf timer can also be used as a simple GPS speedometer, due to the speed and odometer functions.
Our GPS lap timer also features a Power-Test function, which allows the user to record time/distance (ex: 1/8 mile, 1/4 mile...) or speed/time (ex: 0-60mph...) This is the perfect tool, whether you are a drag racer, enduro racer or circuit racer. You can finally race like a professional with this multifunctional tool that can be used under many different conditions such as closed and open circuits. Koso's GPS lap timer is simply a must have for all racers!

Change

Change

Speedometer
- *Display range: 0~360 km/h (0~255 MPH)*
- *Display range:1 km/h (MPH)*

Riding time
- *Record range:0 ~ 9,999.9 H，reset automatically after 9,999.9 H*
- *Record unit:0.1 H*

Top speed record
- *Record range:0~360 km/h (0~255 MPH)*
- *Record unit:1 km/h (MPH)*

Item number
Backlight color Display range Panel color

★ B A 0 4 5 1 0 0 ★
White 0~360 km/h

● *Speedometer*	*Display range:0~360 km/h (0~255 MPH)* *Display range:1 km/h (MPH)*
○ *Odometer*	*Display range：0 ~ 99,999 km (mile)，reset automatically after 99,999 km (mile)* *Display range:1 km/h (MPH)*
○ *Trip meter*	*Display range：0 ~ 9,999.9 km (mile)，reset automatically after 9,999.9 km (mile)(delete average speed and run time records simultaneously) (delete average speed and run time records simultaneously)* *Display range:0.1 km/h (MPH)*
○ *AVE Speed*	*Record range:0~360 km/h (0~255 MPH)* *Record unit:1 km/h (MPH)*
○ *Riding time*	*Record range:0 ~ 9,999.9 H，reset automatically after 9,999.9 H* *Record unit:0.1 H*
○ *Top speed record*	*Record range:0~360 km/h (0~255 MPH)* *Record unit:1 km/h (MPH)*
● *Geodetic coordinate system*	*WGS-84*
○ *Coordinate display method*	*Setting range:d°m´s.s、d.d°、d°m.m*
● *Time zone*	*Setting range:UTC-12:00~+14:00*
● *Calender*	*Automatic Time Adjustment by GPS signal*
● *Clock*	*Setting range:12、24 H* *Automatically set clock according to time zone selected.*
● *Voltage waring*	*Battery symbol flashes when voltage is lower than the 7.0V*
● *Display contrast adjustment*	*Setting range:1~16 level*
● *Backlibht brightness adjust*	*Setting range:0(Close)、1(Darkest)~7(Brightest).* *The backlight brightness will change immediately after you set the value.*
○ *Single recording time*	*Record range:00´00˝00~99´59˝99*
○ *Number of loop record*	*Record range:1~200 Laps (Maximum)*
○ *Time difference compares to the best time record*	*Display range：00˝00~99˝99*
○ *Time difference compares to last loop*	*Display range：-99˝99~+99˝99*
○ *Record display method*	*Setting range：Sequentially、Best*
○ *Record displays retention time*	*Setting range：5~20 second*
● *Target speed timer*	*Setting range:30~360 km/h (20~255 MPH)* *Setting unit：5 km/h (MPH)*
● *Target distance timer*	*Setting range:1/32~30/32 mile (50~1,500 M)* *Setting unit：1/32 mile (50 M)*
● *Closed track single loop time recording*	*Setting range:0´00˝00~9´59˝99*
● *Open track single loop time recording*	*Setting range:0´00˝00~9´59˝99*
● *Create track*	*Setting range: close, open*
○ *Track width*	*Setting range:5~50 M* *Setting unit：1 M*
○ *Track length*	*Auto-calculation after travel a loop*
○ *Checkpoint*	*Checkpoint Setting range:0~22points (Max.)*
● *Effective voltage*	*DC 12 V*
● *Effective temperature range*	*-10 ~ +60 °C*
● *Meter standard*	*JIS D 0203 S2*
● *Meter size*	*107.7 X 61.7 X 20.5 mm*
● *Meter weight*	*Around 132.2 g*

RPM Data Logger

Our digital ROM data logger is the perfect meter for drag and oval racers. It is built from the best components and latest technology, such as, an LCM screen. The internal memory lasts up to 76 minute and allows you to record up to 99 runs. Users casn easily playback the data by choosing a Graph bar or Numeric display. Since it has programmable settings it is accessible to practically every 2 or 4 strokes engine. Equipped with a volt meter, adjustable backlight and adjustable resolution, this meter is the ideal tool to help set-up the right clutching or gear ratio.

●Tachometer	Display range：0～20,000 RPM Display unit：10 RPM
●The RPM input signal number setting	Setting unit：0.5～4
●Logger function	Display range：99 Data Maximum recordable time：Around 76 minute
●Record display	Display range：0～20,000 RPM
●Resolution	Setting range：16 levels Setting unit：1(Dark)～16(Bright)
●Backlight	Setting range：8 levels Setting unit：0(Extinction)、1(Dark)～7(Bright)
●Volt	Display range：DC7～18V
●Effective temperature range	-10～60°C
●Meter standard	JIS D 0203 S2
●Meter size	107.7 X 61.7 X 20.5 mm
●Meter weight	Around 132.2g

Item number

Backlight color	Display range	Panel color

★BA045000★
White 0～20,000 RPM

●Tachometer	Display range:0～20,000 RPM Display unit:100 RPM
○Display internal	<0.5 second
○Max. RPM record	Display range:0～20,000 RPM Display unit:1 RPM
○Total hour meter	Display range:99,999 (HOUR),reset automatically after 99 999 (HOUR) Display unit:1 HOUR
○Hour meter A / B	Display range:9999.9 (HOUR),reset automatically after 9999.9 (HOUR) Display unit:0.1 HOUR
○RPM input pulse	Setting range:0.5,1～6
○Warning	Setting range:5,000～20,000 RPM Setting unit:100 RPM
●Thermometer	Display unit:˚C & ˚F for alternative
○Thermometer	Display range:0～250˚C (32～482˚F) Display unit 0.1˚C (˚F)
○MAX temperature record	Display range 0～250˚C (32～482˚F)
○Thermometer alarm	Setting range 60～250˚C (140～482˚F) Setting unit 0.1˚C (˚F)
●Backlight brightness	Setting range 1-5 (Darkest)～5-5 (Brightest)
●Effective voltage	Setting unit Each level represents 20% CR 2032 Lifetime around 10 mont
●Effective temperature range	-10～+60 ˚C
●Meter standard	JIS D 0203 S2

Item number

Backlight color	Display range	Panel color

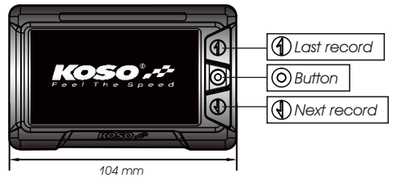
★BA054000★
White 0～360 km/h

PRO-1

The small rev. counter is designed for the race, so we try to make it very small and work on the inner battery. There are tachometer, thermometer, the engine running hour, MAX record, and the RPM & temperature alarm functions including in the rev. counter, so you could get almost all the basic function you need for the race with it. If you want to use the meter on your bike every day, you could also connect the Backlight power to your battery and enable the Backlight function.

Performance Logger

Excellent portable Dyno tool for all bike lover, to measure and understand your bike's performance any time and anywhere. New designed user interface to be easier to get your horse power reading in a minute, also switchable display method you could choose from either seeing digit or curve.
This new generation of gauge could allow you adjust the backlight brightness and the LCD contrast to make sure you can see the reading clearly in all circumstance, not to mention it come with multiple method of warning, shift light and warning range setup to secure your bike during the test. The gauge could save up to 49 testing curves data for you to check what is the best tuning condition of your bike!



●Speedometer	Display range : 0~360 km/h (0~223 MPH) Display unit : 1 km/h (MPH) (may shift between km and mph)
○Circumference	Setting range : 300~2500 mm Setting unit : 1 mm
○Sensing point	Setting range : 1~60 P Setting unit : 1P
●Tachometer	Display range : 0~20000 RPM Display unit : 100 RPM
○The RPM input signal number setting	Setting range : 0.5,1.0
○Logger function	Display range : 50 Data Display record : Curves, figures
●Rider weight	Setting range : 40~150 kg Setting unit : 1 kg
○Motor weight	Setting range : 40~199 kg Setting unit : 1 kg
●Back light brightness	Setting range : 0(Extinction),1(Dark) ~ 7(Bright) Setting unit :1
○Resolution	Setting range : 1~15 Setting unit :1
●Indicator	Setting range : Full bright, quick flashing, slow flashing, off
●Operating temperature	-10~60°C
●Specification	JIS D 0203(S2)
●Meter Size	About 104 x 28 x 66 mm
●Meter Weight	Around 115 g

Item number
Backlight color / Display range / Panel color

★BA066100★
White 0~360 km black

●Gear meter	Display range: N, 1, 2, 3, 4, 5, 6, 7
●**Supply voltage**	**DC 12 V**
●Effective temperature range	-10~+60°C (14~140°F)
●Meter standard	JIS D 0203
●Meter size (W X L X H)	37 X 51 X 17mm
●Meter weight	Around 51.3 g

Item number
Backlight color / Display range / Panel color

★KN002000★
Blue Universal Black

★KN002001★
Blue MSX / GROM Black

★KN002010★
Blue Harley davidson Black

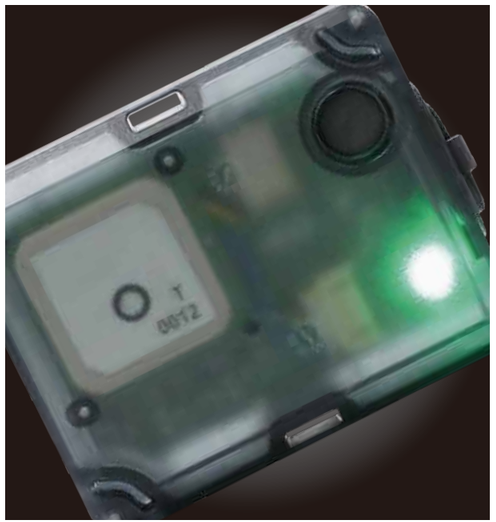
Mini style

GEAR METER

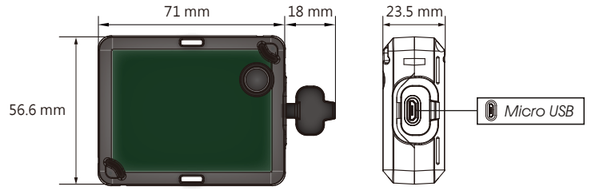
Always wondering in which gear you're in? Avoid this question by using our gear indicator. Lightweight, compact, easy to use and to install, this meter will tell you quickly which gear you've selected. Its big digits and blue backlight makes it easy to read during day or night riding. This meter is a great addition for the serious riders.

GPS POWER TEST BOX

PowerTry is a powerful and affordable vehicle performance measurement tool that uses high-performance satellite positioning chips combined with low-energy Bluetooth transmission for data exchange and control with mobile phones. PowerTry provides high-precision 18Hz satellite positioning data, and through data filtering and estimation algorithms, reduces the measurement time error of straight-line acceleration to within 100 milliseconds, making it a convenient performance measurement tool. K Race and K Lap apps provide systematic data analysis and display.



NEW !



●USB Charging Voltage	DC 5 V
●Effective temperature range	-10~60℃
●IP Level	IP54
●Size	71 X 56.6 X 23.5 mm
●Weight	About 75.5 g

Item number

Case color | Display range | Charging Port

★KK017000★

Black | 0~360 km | Micro USB

K Race

for iOS & Android

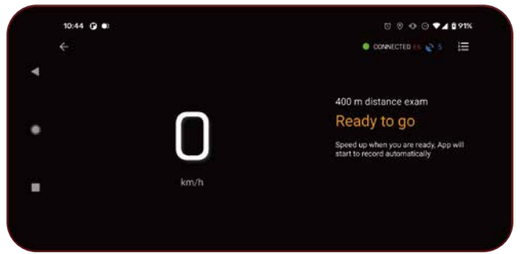
K Race is a data monitoring tool that helps drivers of cars and motorcycles adjust their vehicles. By connecting to the KOSO Powertry device via Bluetooth, it can efficiently monitor vehicle data. Because the KOSO Powertry device has a highly efficient GPS and gyroscope module built in, it can record data at a high frequency interval, providing very precise and effective values. Compared to other apps that only use phone GPS data, its data is much more accurate.

●*Utilities for performance tuning.*

●*Segmented data analyzation.*

●*Historical exam records comparison.*

●*Multi-faceted data monitor.*



●*Touch-free during exams.*

Download on the App Store

GET IT ON Google Play

Mini style

MINI 3 HEAD THERMOMETER

Need to monitor your engine temperature? Our Mini 3 meter is designed especially for Honda Grom whitch is the perfect addition for you. It's peak recall function will allow you to see the maximum temperature reach.

Max. temperature record

- Displayed range: t-1 - -20~200°C (-4~392°F)
  t-2 - -40~185°C (-40~365°F)
  t-3 - -20~220°C (-4~428°F)
  t-4 - -20~200°C (-4~392°F)
  t-5 - -20~120°C (-4~248°F)

Temperature	Display range: t-1 - -20~200°C(-4~392°F) t-2 - -40~185°C (-40~365°F) t-3 - -20~220°C (-4~428°F) t-4 - -20~200°C (-4~392°F) t-5 - -20~120°C (-4~248°F)
Temperature type	Display unit: t-1~t-5
Effective voltage	DC 12V
Effective temperature range	-10~+60°C
Meter standard	JIS D 0203 S2
Meter size (W X L X H)	60 X 30 X 11.5 mm
Meter weight	Around 22g

Item number

Backlight color / Display range / Panel color

* B A 0 0 3 2 4 0 *
White KYMCO Black

* B A 0 0 3 2 4 1 *
White YAMAHA Black

* B A 0 0 3 2 4 3 *
White HONDA PCX Black

* B A 0 0 3 2 4 4 *
White YAMAHA S-Max Black

* B A 0 0 3 2 4 5 *
White HONDA MSX (GROM) Black

* B A 0 0 3 2 4 7 *
White YAMAHA CYGNUS Black

Thermometer A. B

- 0~120°C (32~248°F)

Thermometer A,B	Display range : 0~120°C (32~248°F) Display unit : 0.1°C(°F)
Effective voltage	DC 12 V
Effective temperature range	-10~+60°C
Meter standard	JIS D 0203 S2
Meter size (W X L X H)	60 X 30 X 11.5 mm
Meter weight	Around 22 g

Item number

Backlight color / Display range / Panel color

* B A 0 0 3 1 8 0 *
White Black

Option accessory

Mini style

MINI 3 DUAL TEMPERATURE

The Mini3 meter comes with 2 temperature function, so you could install the sensors at the place you want to check and get the temperature information easily.
For example, you could install one sensor at the entrance and exit of the cooling system, and the you could know if the cooling system work properly.
The dual temperature meter is the best tool for you to check the temperature.

Mini style

MINI 3 OIL PRESSURE

Our Mini Style oil pressure gauge is a must for all applications. Its reading can help you avoid major mechanical problems. If the pressure goes down, that can indicate a leak in the system or a malfunction of the engine. Also, if you ride your bike at a high RPM range, the pressure meter can help you understand if the oil lubricates the engine properly. Small, compact, lightweight and using a wider screen than similar sizes meter, this gauge is a perfect complement to your actual cluster !

LCD mark on the **upper** position represents the current unit is **PSI**	LCD mark on the **lower** position represents the current unit is **kgf/cm²**

●Oil pressure meter	Display range: 0.0~100.0PSI (0.0 ~ 7.0 kgf/cm²) Display unit: 0.1PS (kgf/cm²).
○Oil pressure warning	Warning Range: When pressure below the setting value (included),the LCD display will flash to warn.
●Effective voltage	DC 12V
●Effective temperature range	-10~+60°C
●Meter standard	JIS D 0203 S2
●Meter size (W X L X H)	60 X 30 X 11.5 mm
●Meter weight	Around 22g

Item number
Backlight color / Display range / Panel color

★ B A 0 0 3 2 0 0 ★
White / Black

Option accessory

1 Oil pressure sensor adapter

2 Oil Cooler Temperature Sensor 3 ways adapter

3 lengthening Oil cooler

Amp meter	**Volt meter**
●0~±30 A	●DC 6.0~19.9 V
16.8A	12.3

●Amp meter	Display range: 0~±30 A~248°F) Display unit: 0.1 A
●Volt meter	Display range: DC 6.0~19.9 V Setting unit: 0.1 V
○Low Voltage warning	Setting range: DC 8.0~13.0 V Setting unit: 0.1 V
○Voltage warning	When the voltage is below DC 11.5 V or over 15.5 V, the LCD display will flash to warn.
●Effective voltage	DC 12V
●Effective temperature range	-10~+60°C
●Meter standard	JIS D 0203 S2
●Meter size (W X L X H)	60 X 30 X 11.5 mm
●Meter weight	Around 22 g

Item number
Backlight color / Display range / Panel color

★ B A 0 0 3 1 9 0 ★
White / Black

Mini style

MINI 3 AMP & VOLT

The mini 3 series as been developed with the best components and latest technology. This compact and lightweight instrument will give you the vehicle voltage and amps used. This meter can be very helpful especially when there is many electrical accessories connected to the vehicle.

Mini style

MINI 3 AIR / FUEL RATIO

Our new Mini 3 air/fuel ratio gauge was especially designed to help you tune your carbureted or fuel injected engine. This meter can be easily installed on any type of 4 stroke engine by installing the sensor in the exhaust system and connecting the instrument to a 12 v DC source of power.

The A/ F ratio is too rich	**The A/ F ratio is too lean**
-R-	-L-

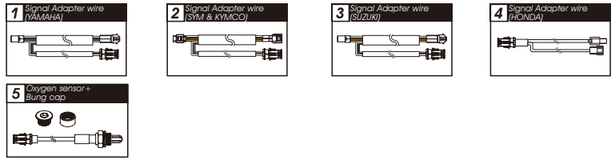
●A/F ratio	Display range: 12.2~17.2 Setting unit : 0.1
●Effective voltage	DC 12V
●Effective temperature range	-10~+60°C
●Meter standard	JIS D 0203 S2
●Meter size (W X L X H)	60 X 30 X 11.5 mm
●Meter weight	Around 22g

Item number

Backlight color	Display range	Panel color
White		Black

* B A 0 0 3 2 1 0 *

Option accessory



Thermometer
●0~120°C (32~248°F)
220℃ 430F

●Thermometer	Display range :-22~248 °F (-30~120 °C) Display unit : 0.1°F (°C)
●Effective voltage	DC 12 V
●Effective temperature range	-4~+140 °F (-20~60 °C)
●Meter standard	JIS D 0203 S2
●Meter size (W X L X H)	60 X 30 X 11.5 mm
●Meter weight	Around 22 g

Item number

Backlight color	Display range	Panel color
White		Black

* B A 0 0 3 2 7 0 *

Mini style

MINI 3 AMBIENT TEMPERATURE

The Mini3 meter comes with 2 temperature function, so you could install the sensors at the place you want to check and get the temperature information easily.
For example, you could install one sensor at the entrance and exit of the cooling system, and then you could know if the cooling system work properly.
The dual temperature meter is the best tool for you to check the temperature.

Mini style

MINI 3 CLOCK & VOLT

The mini 3 series as been developed with the best components and latest technology. This compact and lightweight instrument features a clock and also the vehicle voltage. This meter can be very helpful especially when there is many electrical accessories connected to the vehicle.

Clock
- 24H

12:00

Volt meter
- DC 6.0~19.9 V

12.5

Volt	Display range: DC 6.0~19.9 V Setting unit : 0.1
Effective voltage	DC 12V
Effective temperature range	-10~+60°C
Meter standard	JIS D 0203 S2
Meter size (W X L X H)	60 X 30 X 11.5 mm
Meter weight	Around 22g

Item number

Backlight color / Display range / Panel color

B A 0 0 3 1 6 1

White / Black

Clock
- 24H

12:00

Thermometer	Display range :-22~248 °F (-30~120 °C) Display unit : 0.1°F (°C)
Effective voltage	DC 12 V
Effective temperature range	-4~+140 °F (-20~60 °C)
Meter standard	JIS D 0203 S2
Meter size (W X L X H)	60 X 30 X 11.5 mm
Meter weight	Around 22 g

Item number

Backlight color / Display range / Panel color

B A 0 0 3 1 5 0

White / Black

Mini style

MINI 3 CLOCK METER

The all new MINI3 Clock meter could provide you the easier way to get the most watched information when you are riding! The meter is so compact that you could place in any place of your bike with easy connection. You don't need to take your hands off the grip to take a look of your watch and leave your sight from the road anymore, with a glance you will know the time for now!

Mini style

MINI 3 FUEL METER

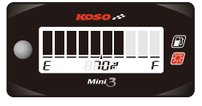
Changed your cluster and need to monitor your fuel level? Our Mini 3 fuel meter will give you that precious information. Compact, lightweight and easy to connect to your OEM fuel sensor; the Mini 3 fuel meter is a must have !

Fuel setting range

●100Ω, 180Ω, 250Ω, 270Ω, 510Ω, 700Ω, 1200Ω

●Fuel level	Display range: 10 levels (0~100%)
●Digital Fuel	Display range: 0~100% Display unit: 1% Setting range: 100Ω, 180Ω, 250Ω, 270Ω, 510Ω 700Ω, 1200Ω, USER
●Fuel warning	Setting range: 0~25% Setting unit: 1%
●Effective voltage	DC 12V
●Effective temperature	-10~+60°C
●Meter standard	JIS D 0203 S2
●Meter size (W X L X H)	60 X 30 X 11.5 mm
●Meter weight	Around 22g

Item number
Backlight color Display range Panel color



★ B A 0 0 3 2 5 0 ★
White Black

●Temperature	Display range: -4.0~302.0°F,Display unti:0.1°F
●Temperature warning	Setting range: 140~302°F,Setting unit:1°F
●Volt meter	Display range: 8.0v~18.0v , Display unti:0.1 v
●Effective voltage	DC 12V
●Effective temperature	range -10~60 ℃
●Water-Proof Standard	JIS D 0203
●Meter size	W69.8 X L34.4 X H17.2 mm
●Meter weight	About 47.5 g

Item number
Backlight color Display range Panel color

★ B A 0 3 3 0 5 0 ★
White Black

Mini style

MINI 4 INFRARED TEMPERATURE

The mini4 meter comes infrared temperature, so you could install the sensors at the place you want to check and get the temperature information easily. Its small and compact size makes it very easy to install at almost any location on the bike.

Mini style

MINI 4 ENGINE HOURMETER

How do you know the time to replace the parts or change the oil for your dirt bike or sport ATV when they come without the speedometer?
Most of the people do it by feeling or experience before, but now you don't need to guess any more.
KOSO provide you the new tool for doing this job for you, so you don't need to keep it on Your mind all the time.
All you need to do is to check the hour meter.

Hour meter A/B
- Display range: 0.0~999.9 H
- Display unit: 0.1 H

●Total hour meter	Display range: 0~99999 ; Display unit: 1 H
●Hour meter A/B	Display range: 0.0~999.9 H ; Display unit: 0.1 H
●**Effective voltage**	**DC 12V**
●**Battery type**	**CR 2032**
●Battery life time	About 350 H (when battery volume below 250 mAh)
●Effective temperature range	-10~+60°C
●Meter standard	JIS D 0203
●Meter size (W X L X H)	69.8 X 34.4 X 17.2 mm
●Meter weight	Around 47.6g

Item number
Backlight color Display range Panel color

★ B A 0 3 3 0 0 0 ★
White Black

Thermometer A. B
- -25°C~250°C (-13°F~482°F)

MAX Temp. record

●Thermometer A, B	Display range: -25°C~250°C (-13°F~482°F) Display unit: 0.1°C (°F)
○Temperature Warning	Range: Settable temperature warning range. Display will flash when the temperature is higher than (or equals to)the setting value.
●**Battery type**	**CR 2032**
●Battery life time	About 230 H (when battery volume below 250 mAh)
●Effective temperature range	-10~+60°C
Meter standard	JIS D 0203
●Meter size	W69.8 X L34.4 X H17.2 mm
●Meter weight	Around 47.6g

Item number
Backlight color Display range Panel color

★ B A 0 3 3 0 2 0 ★
White Black

Mini style

MINI 4 DUAL TEMPERATURE

Have you ever feel lost and have no clue when and why your bike get overheat engine all the time? This special protable dual temperature compact meter will easily solve your problem by just install it on your bike, also the meter allows to use inner battery to work so you dun't need to connect the power supply or makes it more easily to switch the meter between different bike. The KOSO Mini 4 Dual Temperature meter allows you to know your coolant temperature by install the 2 sensors at 2 different position of your cooling system - IN/OUT then you will easier know if your cooling system is working properly or not by visual observation.

Mini style

MINI 4 A/F RATIO METER

Have you ever find it difficult to understand the A/F ratio from your bikes? Especially when you have more than 2 bikes and lack of instrument to observe the information you want? This all new protable KOSO Mini 4 A/F ratio will be your final solution! With inner battery to allow you don't have to connect the power supply of the bike so makes it more easier to switch from one bike to another. Of course, you also can connect the power supply and leave it on one bike because the size of the meter is so compact and you could place it in any where you like and easily to get the A/F information you want in anytime when you ride.

The A/ F ratio is too rich	The A/ F ratio is too lean
-R-	-L-

●A/F ratio	Display range: 12.2~17.2 Setting unit : 0.1
●**Effective voltage**	**DC 12V**
●**Battery type**	**CR 2032**
●Battery life time	About 450 H (when battery volume below 250 mAh)
●Effective temperature range	-10~+60°C
●Meter standard	JIS D 0203
●Meter size (W X L X H)	69.8 X 34.4 X 17.2 mm
●Meter weight	Around 47.6g

Item number

Backlight color / Display range / Panel color

★ B A 0 3 3 0 3 0 ★

White / Black

MAX RPM record

- Display range: 0~15,000 RPM
- Display unit: 10 RPM

●Digital Tachometer	Display range: 0~15,000 RPM Display unit: 10 RPM
○Display internal	<0.5 second
○RPM input pulse	Diplay range: 0.5, 1, 1.5, 2, 2.5, 3, 4, 5, 6
●**Effective voltage**	**DC 12V**
●**Battery type**	**CR 2032**
●Battery life time	About 350 H (when battery volume below 250 mAh)
●Effective temperature range	-10~+60°C
●Meter standard	JIS D 0203
●Meter size (W X L X H)	69.8 X 34.4 X 17.2 mm
●Meter weight	Around 47.6g

Item number

Backlight color / Display range / Panel color

★ B A 0 3 3 0 4 0 ★

White / Black

Mini style

MINI 4 RPM METER

Mini style

MINI 4
RPM & HOUR METER

The new Mini4 meter comes with the new shape design makes the meter look more stylish. Except the shape design, the new meter comes with the new battery socket design to upgrade the anti-vibration level and the new structure allows you to choose to use the Velcro to stick the meter on your bike or using the screw to fix the meter. The meter works with the inner CR2032 battery, so you could use the meter on the off road bikes or ATV which come without the battery. With the engine hour function, it will be very easy for you understand how long the engine already run and when you need to do the maintain. The best tool to monitor the engine!

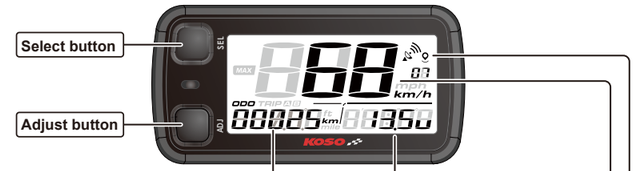
MAX RPM record
- Display range: 0~15,000 RPM
- Display unit: 10 RPM

●Digital Tachometer	Display range: 0~15,000 RPM Display unit: 10 RPM
○Display internal	<0.5 second
○RPM input pulse	Diplay range: 0.5, 1, 1.5, 2, 2.5, 3, 4, 5, 6
●Total hour meter	Display range: 0~99999 ; Display unit: 1 H
●Hour meter A/B	Dispaly range: 0.0~999.9 H ; Display unit: 0.1H
●**Effective voltage**	**DC 12V**
●**Battery type**	**CR 2032**
●Battery life time	About 350 H (when battery volume below 250 mAh)
●Effective temperature range	-10~+60°C
●Meter standard	JIS D 0203
●Meter size (W X L X H)	69.8 X 34.4 X 17.2 mm
●Meter weight	Around 47.6g

Item number
Backlight color / Display range / Panel color

★ B A 0 3 3 W 0 0 ★
White / Black

NEW !



Odo meter
- Display range : 0~99,999 km(mile), automatically reset after 99,999 km(mile).
- Display unit : 1 km(mile).

Trip meter A/B
- Display range : 0.0~9,999.9 km(mile), automatically reset after 9,999.9 km(mile).
- Display unit : 0.1 km(mile).

Clock
- Display range : 0:00~23:59

Volt meter
- Display range : DC 8.0~18.0 V

Speedometer
- Display range : 0~360 km/h(0~225 MPH).
- Display unit : 1 km/h (MPH) for alternative.

Indicator light
- GPS Signal Strong (Green)
- GPS Signal Weak (Yellow)
- No GPS Signal (Red)
- Overspeed Warning (Flashing Red)

GPS satellite positioning
- Positioning Success Icon
- Number of Satellites Received

Item number
Backlight color / Display range / Panel color

★ B A 0 9 0 0 0 0 ★
White / Black

Mini style

MINI 5
GPS METER

This multifunction digital meter features a built-in high-precision GPS module that measures real-time speed directly through satellite signals — no need for an external speed sensor. It offers accurate and stable readings with simple installation. The display integrates speedometer, odometer (ODO / Trip A / Trip B), clock, and voltage meter functions, providing comprehensive riding and vehicle monitoring information.

Super slim style

THERMOMETER

Our super slim series is probably one of our best seller . Its small and compact size makes it very easy to install at almost any location on the bike. The blue illuminated digits make the meter very attractive and easy to read at night. Our super slim temperature meter is equipped with a warning function to help you monitor the engine temperature. The meter will automatically flashif the temperature goes higher than 120°C.

Thermometer
- ●Display range : 0~120°C
- ●Display unit : 1°C

Temperature Warning
- ○When the temperature Is over 120°C., the meter will flash to warn you.

●Thermometer	Display range : 0~120°C (32~248°F) Display unit : 1°C (°F)
○Temperature Warning	When the temperature Is over 120°C (248°F)., the meter will flash to warn you.
●**Effective voltage**	**DC 12V**
●Effective temperature range	-10~+60°C
●Meter standard	JIS D 0203 S2
●Meter size	56.4 X 27 X 11 mm
●Meter weight	Around 22 g

Item number
Backlight color Display range Panel color

BA024B10 Blue 0~120°C Black

BA024B11 Blue 32~248°F Black

BA024R11 Red 0~120°C Black

BA024R10 Red 32~248°F Black

●Clock	24H
●**Effective voltage**	**DC 12V**
●Effective temperature range	-10~+60°C (14~140°F)
●Meter standard	JIS D 0203 S2
●Meter size	56.4 X 27 X 11 mm
●Meter weight	Around 22 g

●Volt meter	Display range : DC 8.0~18.0 V Display unit : 0.1 V
○Voltage warning	When the voltage is lower than 11.5V, the meter will flash to warn you.
●**Effective voltage**	**DC 12V**
●Effective temperature range	-10~+60°C
●Meter standard	JIS D 0203 S2
●Meter size	56.4 X 27 X 11 mm
●Meter weight	Around 20 g

Item number
Backlight color Display range Panel color

BA024B20 Blue Black

Item number
Backlight color Display range Panel color

BA024B00 Blue Black

BA024R00 Red Black

Super slim style

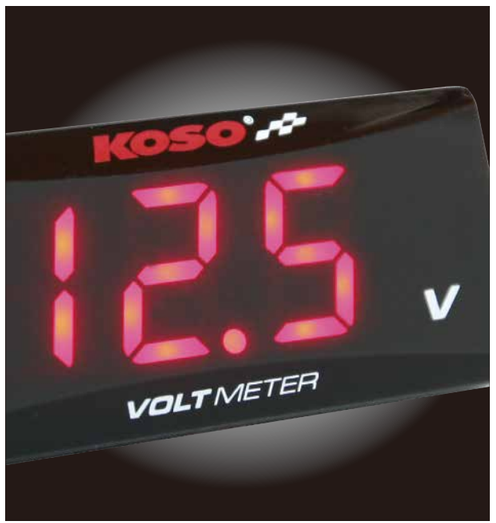
CLOCK

We now provide with only clock in our super slim meter line up. You don't want to wear the watch when you are on the racetrack, but you still want to know the time exactly? Try this and you won't be disappointed.

Super slim style

VOLT

Our super slim series is probably one of our best seller. Its small and compact size makes it very easy to install at almost any location on the bike. The blue illuminated digits make the meter very attractive and easy to read at night. Our super slim volt meter is equipped with a warning function to help you monitor the voltage. The meter will automatically flashif the voltage goes bellow than 11.5 volts.



Super slim style

CLOCK & VOLT

Our super slim series is probably one of our best seller. Its small and compact size makes it very easy to install at almost any location on the bike. The blue illuminated digits make the meter very attractive and easy to read at night. Our super slim clock & volt meter is a convenient tool. Simply press the button to switch between the 2 functions. Our super slim volt meter & clock is equipped with a warning function to help you monitor the voltage. The meter will automatically flashif the volta.

Clock
● 24H

Volt
● 6.0~19.9 V

●Clock	24H
●Volt meter	Display range: 6.0~19.9 V ; Display unit: 0.1 V
○Volt warning setting	Setting range: 8.0~16.0 V ; Setting unit: 0.1 V ON-turn on ; OFF-turn off
○Default value for voltage warning	High voltage warning: 14.0 V Low voltage warning: 11.0 V
●**Effective voltage**	**DC 12V**
●Effective temperature range	-10~+60°C (14~140°F)
●Meter standard	JIS D 0203 S2
●Meter size	56.4 X 27 X 11 mm
●Meter weight	Around 22 g

Item number

Backlight color	Display range	Panel color	
★BA024B50★			
Blue	24H / 6~19.9 V		Black

●Temperature	Display range : -20.0 ~ 120.0 °C (-4.0~248.0 °F) Display unti : 0.1 °C (0.1 °F)
○Max. temperature record	Display range : 0 ~ 120.0 °C (32.0~248.0 °F) Display unti : 0.1 °C (0.1 °F)
○Overheat warning	Setting range : 50~120 °C (122~248 °F) Setting unit : 1 °C (1 °F)
○Voltmeter	Display range : 8.0 v~18.0 v Display unti : 0.1 v
●Low voltage warning	Setting range : 8.0 v~13.0 v
○Effective temp range	-10~60 °C
●Water-Proof Standard	JIS D 0203
●Meter size	L57.2 X W29.0 X H9.8 mm
●Meter weight	About 26.0 g

Item number

Backlight color	Display range	Panel color	
★BA068040★	★BA068041★	★BA068042★	
Blue	Red	Green	Black

Super slim style-Touch

TEMPERATURE & VOLT

New generation of Super Slim LED Meter, with amazing touchscreen feature to allow you switch different reading display by simply touch the screen corner! It comes with indication to tell you if the touchscreen function is activated, not to mention the auto lock feature to prevent any accidental touch. Another benefit for the touchscreen feature is to do as button but without extra button! So your favorite Super Slim LED Meter now is upgraded to a whole new level, which can set the warning for low voltage and high temperature. Slim thickness could let you stick on anywhere of the bike wherever easy to read for the rider; now, except original blue and red, it also comes with green color display!

i-GEAR style

i-GEAR VOLT METER

The small and compact size of the i-Gear meters makes it very easy to install at almost any location on the bike. The blue or red illuminated digits make these meters very attractive and easy to read at night. Different models are available: temperature meters, and volt meter. They are equipped with a warning function to help you monitor the information.

NEW !

●Meter	Display range : DC 7.0 ~ 19.9 V Display unit : 0.1 V
○Voltage warning	When the volyage is lower than 12 V, the meter will flash to warn you.
●Effective voltage	DC 12 V
●Effective temperature range	-10 ~ +60°C
●Meter standard	JIS D 0203 S2
●Meter size	Ø40 x 11 mm
●Meter weight	Around 24 g

Item number

Backlight color	Display range	Casing		
	Blue	DC7.0~19.9 V	Black	★BA067BD0★
	Red	DC7.0~19.9 V	Black	★BA067RD0★

NEW !

●Meter	Display range : 0 ~ 120 °C / 32 ~ 248 °F Display unit : 1 °C / 1 °F
○Temp. warning	When the temperature is over 120 °C / 248 °F, the meter will flash to warn you.
●Effective voltage	DC 12 V
●Effective temperature range	-10 ~ +60 °C
●Meter standard	JIS D 0203 S2
●Meter size	Ø 40 x 11 mm
●Meter weight	Around 30 g

Item number

Backlight color	Display range	Casing		
	Blue	0~120 °C	Black	★BA067B10★
	Red	0~120 °C	Black	★BA067R10★
	Blue	32~248 °F	Black	★BA067B12★
	Red	32~248 °F	Black	★BA067R12★

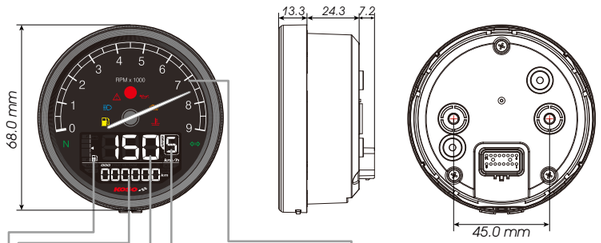
i-GEAR style

i-GEAR TEMPERATURE METER

The small and compact size of the i-Gear meters makes it very easy to install at almost any location on the bike. The blue or red illuminated digits make these meters very attractive and easy to read at night. Different models are available: temperature meters, and volt meter. They are equipped with a warning function to help you monitor the information.

TNT Style
TNT-05

NEW !



Speedometer
- Display range : 0 ~ 360 km/h (0 ~ 225 MPH)
- Display unit : 1 km/h (MPH)

Odometer
- Setting range : 0 ~ 999,999 km (mile)
- Setting unit : 1 km (mile)

Trip A
- Setting range : 0 ~ 99,999.9 km (mile)
- Setting unit : 0.1 km (mile)

Trip B
- Setting range : 0 ~ 99,999.9 km (mile)
- Setting unit : 0.1 km (mile)

Trip O
- Setting range : OFF, -999 ~ 16,000 km (mile)
- Setting unit : 1 km (mile)

Temperature
- Display range : 0.0~250.0 °C (32.0~482.0 °F)
- Display unit : 0.1 °C (°F)

Voltmeter
- Display range : DC 8.0~18.0 V
- Display unit : DC 0.1 V

Fuel Meter
- Display range : 6 levels
- Display unit : 1 level (16.6 %)

Tachometer
- Display range : 0~9,000 RPM
- Display unit : 500 RPM / 1,000 RPM

Gear Meter
- Display range : OFF, -, N, 1~the highest gear

Item number

*B A 0 8 7 0 0 0 *

TNT style

E-mark approval

TNT-05 (D80)
SPEED & TACHOMETER

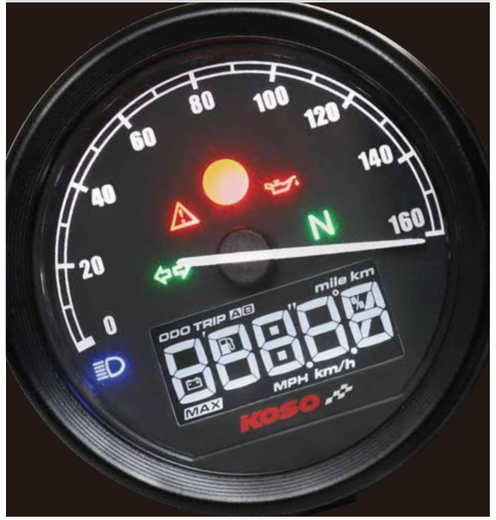
Our TNT-05 speed & tachometer features the basic functions such as speed, RPM, ODO, temperature, voltage, clock and the buttons are designed on the lower side of the meter to make your operation more convenient. This meter also has 8 color changeable LCD display.

TNT style

E-mark approval

TNT-05 (D60) SPEEDOMETER

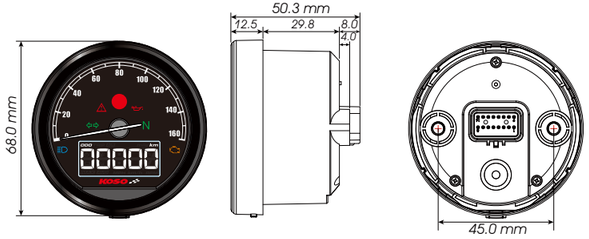
The TNT-05 speedometer features all the basic functions such as speed, odometer,tripmeter, Temperature, Fuel meter, voltage, clock and the buttons are designed on the lower side of the meter to make your operation more convenient.
This meter also has 8 color changeable LCD display. Compact, lightweight, easy to operate, this is our TNT-05 speedometer.



Item number

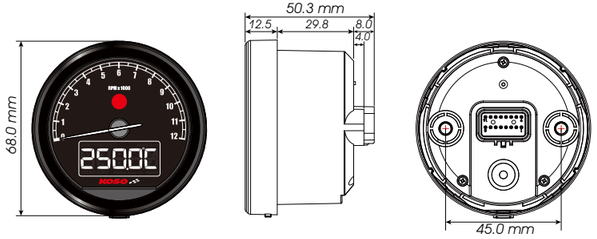
* B A 0 8 5 0 0 0 *

NEW !



●Speedometer	Display range : 0 ~ 160 km/h (MPH) Display unit : 1 km/h (MPH)
○Speeding warning setting	Display range : 30~160 km/h (19~100 MPH), when setting value is reached or above, warning light will iluminate. Display unit : 1 km/h (MPH)
○Max. speed record	Display range : 0~160 km/h (MPH), can return to zero manually Display unit : 1 km/h (MPH)
○Odometer	Setting range : 0 ~ 99,999 km (mile) Setting unit : 1 km (mile)
○Trip meter A, B	Display range : 0.0~9,999.9 km (mile), can return to zero manually Display unit : 0.1 km (mile)
●Temperature	Display range : 0.0~250.0 °C (32.0~482.0 °F) Display unit : 0.1 °C (°F)
○Overheat warning	Setting range : 60~250 °C(140~482 °F), when setting value is reached or above, warning light will iluminate. Setting unit : 1 °C (°F)
○Max. temperature record	Display range : 0.0~250.0 °C (32.0~482.0 °F) , can return to zero manually Display unit : 0.1 °C (°F)
●Fuel meter	Display range : 10 levels (100%) Display unit : 1 levels (10%)
○Low Fuel warning	Setting range : 0~30%, when setting value is reached or below, warning light will illuminate. Setting unit : 10%
●Clock	Setting range : 00:00~23:59 (24H), 01:00~12:59 (12H)
●Voltmeter	Display range : DC 8.0 ~ 18.0 V
○Low voltage warning	Setting range : DC 8.0~13.0 V, when setting value is reached or below, warning light will illuminate. Setting unit : 0.1 V
●Backlight brightness	Setting range : 1/3(Darkest)~ 3/3(Brightest)
○Backlight color	Setting range : white, red, orange, yellow, green, blue, light blue, purple Loop switch

NEW !



●Tachometer (RPM)	Display range : 0 ~ 12,000 RPM
○Pre-Shift Light warning	Setting range : 1,000 ~ 11,000 RPM, when setting value is reached or above, warning light will iluminate. Setting unit : 100 RPM
○Shift Light warning	Setting range : Pre-Shift Light warning setting value +100 ~ 12,000 RPM, when setting value is reached or above, warning light will iluminate.
○Max. rotating speed	Display range : 0~12,000 RPM
●The RPM input signal number setting	Setting range : P-0.5, 1 ~ 6
○The RPM input pulse	Setting range : LO-ACT, HI-ACT
●Temperature	Display range : 0.0~250.0 °C (32.0~482.0 °F)
○Overheat warning	Setting range : 60~250 °C(140~482 °F), when setting value is reached or above, warning light will iluminate. Setting unit : 1 °C (°F)
○Max. temperature record	Display range : 0.0~250.0 °C (32.0~482.0 °F), can return to zero manually
●Voltmeter	Display range : DC 8.0 ~ 18.0 V
○Low voltage warning	Setting range : DC 8.0~13.0 V, when setting value is reached or below, warning light will illuminate. Setting unit : 0.1 V
●Backlight brightness	Setting range : 1/5(Darkest)~ 5/5(Brightest)
○Backlight color	Setting range : white, red, orange, yellow, green, blue, light blue, purple Loop switch

Item number

* B A 0 8 5 1 0 0 *

TNT style

TNT-05 (D60) TACHOMETER

The TNT-05 tachometer features the basic functions such as RPM, Temperature, voltage, clock and the buttons are designed on the lower side of the meter to make your operation more convenient.
This meter also has 8 color changeable LCD display. Compact, lightweight, easy to operate, this is our TNT-05 RPM meter.

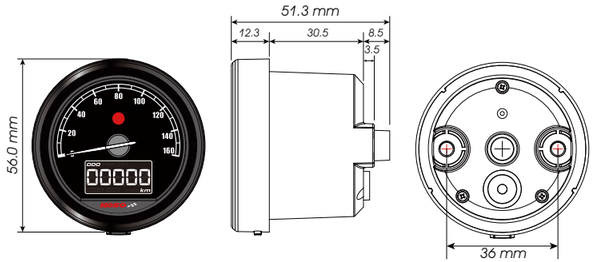
TNT style

E-mark approval

TNT-05 (D48) SPEEDOMETER

Our TNT-05 speedometer has 7 color changeable LCD display,and the buttons are designed on the lower side of the meter to make your operation more convenient. With the small, compact and user-friendly size, it is perfect for many applications.It also features all the basic functions such as speed, odometer,tripmeter, Temperature, Fuel meter, voltage, clock and much more.

NEW !

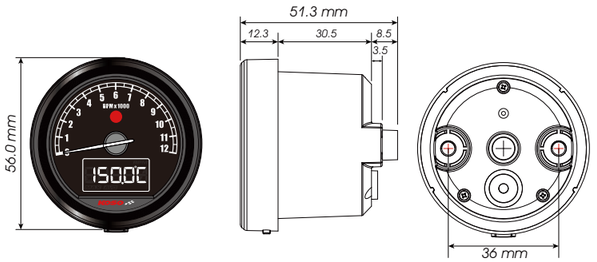


●Speedometer	Display range : 0 ~ 160 km/h (MPH)
○Speeding warning setting	Display range : 30~160 km/h (19~100 MPH),
○Max. speed record	Display range : 0~160 km/h (MPH), can return to zero manually
○Odometer	Setting range : 0 ~ 99,999 km (mile)
○Trip meter A, B	Display range : 0.0~9,999.9 km (mile), can return to zero manually
○Circumference	Setting range : 300~2,500 mm
○Sensitive point	Setting range : 1~20 P
●Temperature	Display range : 0.0~250.0 °C (32.0~482.0 °F)
○Overheat warning	Setting range : 60~250 °C(140~482 °F)
○Max. temperature record	Display range : 0.0~250.0 °C (32.0~482.0 °F), can return to zero manually
●Fuel meter	Display range : 10 levels (100%)
○Low Fuel warning	Setting range : 0~30%
○Fuel Gauge Resistance(Ω)	Setting range : 100 Ω, 250 Ω, 270 Ω, 390 Ω, 510 Ω,1200 Ω, Sw, Custom(learning mode), OFF
●Clock	Setting range : 00:00~23:59 (24H), 01:00~12:59 (12H)
●Voltmeter	Display range : DC 8.0 ~ 18.0 V
○Low voltage warning	Setting range : DC 8.0~13.0 V, when setting value is reached or below, warning light will illuminate.
○Backlight color	Setting range : white, red, orange, yellow, green, blue, purple Loop switch

Item number

* B A 0 8 6 0 0 0 *

NEW !



●Tachometer (RPM)	Display range : 0 ~ 12,000 RPM
○Pre-Shift Light warning	Setting range : 1,000 ~ 11,000 RPM, when setting value is reached or above, warning light will iluminate. Setting unit : 100 RPM
○Shift Light warning	Setting range : Pre-Shift Light warning setting value +100 ~ 12,000 RPM, when setting value is reached or above, warning light will iluminate.
○Max. rotating speed	Display range : 0~12,000 RPM
●The RPM input signal number setting	Setting range : P-0.5, 1 ~ 6
○The RPM input pulse	Setting range : LO-ACT, HI-ACT
●Temperature	Display range : 0.0~250.0 °C (32.0~482.0 °F)
○Overheat warning	Setting range : 60~250 °C(140~482 °F), when setting value is reached or above, warning light will iluminate. Setting unit : 1 °C (°F)
○Max. temperature record	Display range : 0.0~250.0 °C (32.0~482.0 °F), can return to zero manually
●Voltmeter	Display range : DC 8.0 ~ 18.0 V Setting range : DC 8.0~13.0 V, when setting value is reached or below, warning light will illuminate. Setting unit : 0.1 V
○Backlight color	Setting range : white, red, orange, yellow, green, blue, purple Loop switch

Item number

* B A 0 8 6 1 0 0 *

TNT style

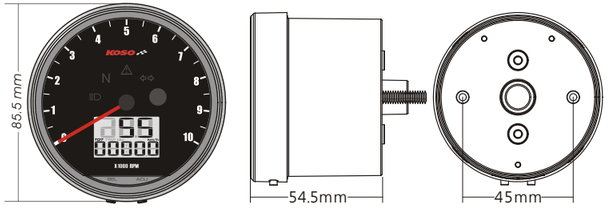
TNT-05 (D48) TACHOMETER

Our TNT-05 tachometer has 7 color changeable LCD display,and the buttons are designed on the lower side of the meter to make your operation more convenient. With the small, compact and user-friendly size, it is perfect for many applications.It also features a backlight, has a RPM display warning and also keeps track of your max RPM and much more.

E-mark approval

TNT D64

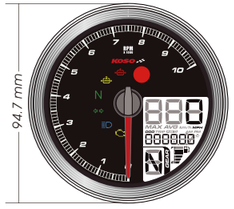
Our TNT D64 multifunction speedometer is the perfect meter for all the street bike, classic bike and cafe racer with more standard 64mm diameter size.
It uses a stepper motor for a fast and smooth response.
The instrument features many functions such as, speed, odometer, trip meter, fuel meter, clock, voltage, shift light, indicator light and more...
This meter is available in black or white face for you to make your own choice!



●Speedometer	Display range : 0 ~ 360 km (0 ~ 225 mile) Display unit : km/h & MPH or alternative
○Odometer	Display range : 0~99999 km (mile), reset automatically after 99999 km (mile)
○Trip meter A . B	Display range : 0~9999.9 km (mile), reset automatically after 0~9999.9 km (mile)
○Top speed record	Display range : 0~360 km/h (0~225 MPH)
○Tire circumference	Display range : 20,000 RPM
○The shift light	Setting range : 5000~20000 RPM
○Warning RPM input pulse	F-OFF (LIGHT ON) •F-ON (FLASH) Display range : 0.5,1~6
○The RPM input pulse	Setting range : Hi-ACT (Positive wave pulse) Lo-ACT (Negative wave pulse)
○Max. RPM record	Display range : 0~20,000 RPM
●Fuel meter	Display range : 0~100%
○Insufficient fuel warning	Setting unit : 100 Ω ,250 Ω ,510 Ω ,USER
●Clock	24 H
●Backlight brightness	Setting range:1-5 (Darkest)~5-5 (Brightest)
●**Effective voltage**	**DC 12V**
●Effective temperature range	-10 ~ +60 °C
●Meter standard	JIS D 0203 S2
●Meter size	85.5 X 54.5 mm
●Meter weight	Around 330 g
●Telltales	High beam (Blue) Neutral (Green) N Reserve (RED) Repeater (Green) RPM Shift light (RED)

Item number
Backlight color | Display range | Casing

★BA058100★
white | 0~360 km/h | Black



●Speedometer	Display range : 0 ~ 360 km (0 ~ 225 mile) switchable
○Speedometer unit	Display range : km 、mile
○Over speed warning	Setting range : 30 ~ 360 km (19 ~ 225 mile), warning sign will be given once exceed (include) setting value.
○Tire circumference	Display range : 300 ~ 2,500 mm
○Internal and external odometer	Display range : 0 ~ 999,999 km (mile) return to zero upon exceed
○Trip meter A, B	Display range : 0 ~ 9,999.9 km (mile) returns to zero upon exceed
●Gear meter	Display range : off, highest gear, N and highest gear, show all (N / 1 ~ 6)
●Tachometer	Display range : 0 ~ 10,000 RPM
○RPM signal	Display range : P-0.5 、P-1 ~ P-24
○The RPM input pulse	Display range : Hiact 、Loact
●Thermometer	Display range : 0 ~ 250 °C (32 ~ 482 °F)
●RPM shift light 、Warning 1 、Warning 2	
●Fuel meter	100Ω 、250Ω 、270Ω 、510Ω 、1200Ω 、fuel switch 、USER
●Clock	Setting range : 12 / 24 hour format
●Voltmeter	Display range : 8 ~ 18 V
●Under voltage warning	Setting range : 8.0 ~ 18.0 V, warning sign will be given once below (include) setting value.
●Backlight brightness	Setting range : 1 / 5 (darkest) ~ 5 / 5 (brightest)
○Backlight color	Setting range : red, orange, yellow, green, blue, light blue, purple, white
●Maintenance millage	Setting range : OFF, 500 ~ 16,000 km
○Operating voltage	DC 8V to DC 16V
●Temperature range	-10 ~ +60°C
○Specifications	JIS D 0203 (S2)
●Meter Size / Meter Weight	D94.7 X 55.8 mm / 165 g
●Indication light	RPM shift light Warning 1 Warning 2 Neutral N Trun signal High beam light Engine warning light

Item number
Backlight color | Display range | Casing

★BA051400★
8 color | 0~360 km/h | Chrome

★BA051401★
8 color | 0~360 km/h | Chrome

★BA051410★
8 color | 0~360 km/h | Black

★BA051411★
8 color | 0~360 km/h | Black

TNT style

E-mark approval

TNT-04

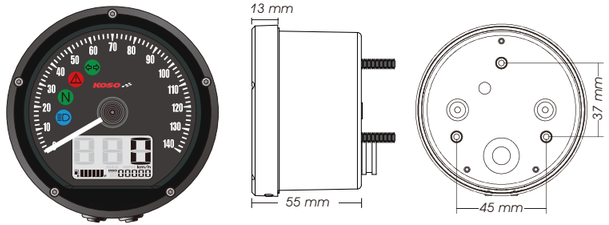
The whole new TNT-04 meter is perfect instrument for Classic application or special Cafe Racer project.
It combine with both needle tach and digital speed display to present your special taste of bike.
The meter is fully equipped with all functions you need such as tachometer, speedometer, odometer, trip meter, shift light, fuel level, indicator lights, gear indicator and also the multiple warning reserved light you could make your own selection. Furthermore, this TNT-04 offer you 7 different colors for backlight to ride with your own style!

TNT style

E-mark approval

TNT-01S SPEEDOMETER

Our TNT multi-functions speedometer is the perfect meter for all the Café racers and special projects. The TNT meter use a stepper motor for a fast and smooth response. The instrument features many functions such as, speed, odometer, trip meter, fuel gauge, clock, voltage, shift light, indicator light and more This meter is available in black or white face and includes the installation brackets and speed sensor.



● Speedometer	Display range: 0~360 km/h (0~225 MPH) Display unit: km/h & MPH or alternative
○ Odometer	Display range: 0~99999 km (mile), reset automatically after 99999 km (mile) Display unit: 1 km (mile)
○ Trip meter A . B	Display range: 0~9999.9 km (mile), reset automatically after 0~9999.9 km (mile) Display unit: 0.1 km (mile).
○ Top speed record	Display range: 0~360 km/h (0~225 MPH)
○ Tire circumference	Setting range:300~2,500 mm Sensor point: 1~20 Setting unit:1
● Clock	24 H
● Backlight brightness	Setting range:1-5 (Darkest)~5-5 (Brightest) Setting unit:Each level represents 20%
● Effective voltage	DC 12v
● Effective temperature range	-10~+60 °C
● Meter standard	JIS D 0203 S2
● Meter size	85.5 X 54.5 mm
● Meter weight	Around 330 g
● Telltales	High beam (Blue) Neutral (Green) Warning Light (RED) Repeater (Green)

Item number
Backlight color Display range Casing

★ B A 0 3 5 1 7 3 ★
White 0~140 Black

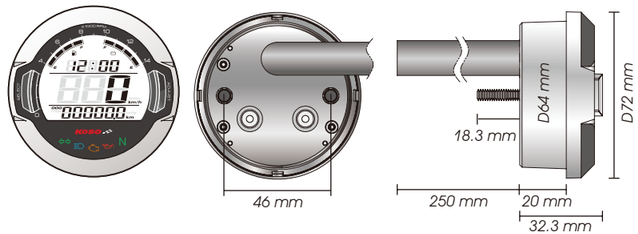
★ B A 0 3 5 1 7 4 ★
White 0~240 Black

DL style

E-mark approval

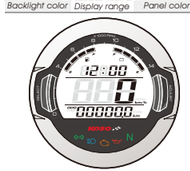
D64 DL-03SR

The DL-03SR GP style speedo feature about all the functions you need to go on the street. The large digits, indicator lights, and backlight make this instrument easy to read, even at night. The universal speed sensor and bracket allow to install this meter on about any applications. Compact, lightweight, easy to operate, this is our DL-03SR GP style speedometer.



● Speedometer	Display range: 0~360 km/h (0~223 MPH) Display unit:km/h & MPH for alternative
○ Odometer	Display range: 0~99999.9 km (mile), reset automatically after 99999 km (mile) Display unit:0.1km (mile)
○ Trip meter A/B	Display range: 0~999.9 km (mile), reset automatically after 999.9 km (mile) Display unit:0.1km (mile)
○ Fuel / Remaining distance	Display range:999.9~0 km (mile) Display unit:0.1km (mile)
○ Tire circumference setting	Setting range:300~2,500 mm Setting unit:1 mm.Pulse setting: 1~20
● Tachometer	Display range: 15 levels
● Fuel meter	Display range:4 leves
○ Fuel resistance	Setting range:100Ω, 250Ω, 510Ω, 1,200Ω
● Clock	24 H
● Digital Volt meter	Display range: DC 5~24 V. Flashing warning when Voltage lower than 8 V or higher than 18 V
● Volt meter	Display range: 4 levels Display unit: 1 level (low) - DC 11.6 V~12.0 V 2 level - DC 12.1 V~12.5 V 3 level - DC 12.6 V~13 V 4 level (high) - DC 13.1 V
● Backlight brightness adjust	Setting range: 1-5 (Darkest) ~ 5-5 (Brightest)
● **Effective voltage**	**DC 12 V**
● Effective temperature range	-10~+60°C
● Meter standard	JIS D 0203 S2
● Meter size (D X H)	D72 X 32.3 mm
● Meter weight	Around 240 g
● Telltales	N Neutral(green) EOBD (Amber) Oil (Red) High beam (Blue) Repeater(Green)

Item number
Backlight color Display range Panel color



★ B B 6 4 2 W 1 0 ★
White Chrome

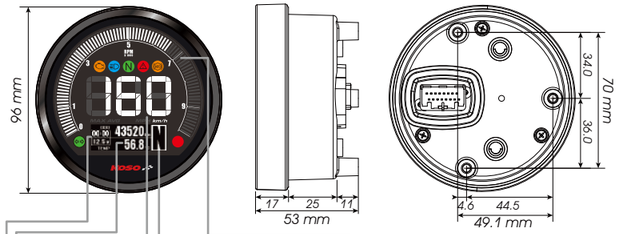
★ B B 6 4 2 W 2 0 ★
White Black

DL style

E-mark approval

DL-04

The universal version of the DL-04 gauge has been developed for all our motorcycle lovers. This multifunction meter has a modern negative LCD screen easy to read and which will give an urban look to any bike.
The DL-04 will give you all the information you need and a variety of features such as speed, odometer, tripmeter, hour meter, voltage and clock as well as 6 indicator lights.



Speedometer
- Display range : 0 ~ 360 km/h (0 ~ 225 MPH)
- Display unit : 1 km/h (MPH)

Temperature
- Display range : 0.0~250.0 °C (32.0~482.0 °F)
- Display unit : 0.1 °C (°F)

Clock
- Setting range : 00:00~23:59 (24H)
  01:00~12:59 (12H)

Voltmeter
- Display range : DC 8.0 ~ 18.0 V
- Display unit : DC 0.1 V

Tachometer
- Display range : 0~10,000 RPM / 0~15,000 RPM
- Display unit : 111 RPM / 166 RPM

Gear Meter
- Display range : OFF, -, N, 1~the highest gear

Item number

* B A 0 7 7 3 0 0 *

●Speedometer	Display range : 0 ~ 360 km/h (0 ~ 225 MPH) Display unit : 1 km/h (MPH) Switchable
○Speeding warning setting	Setting range : 30~360 km/h (19~225 MPH),When exceeding the set value (inclusive), the value flickers and the warning signal will be lit according to the setting. Setting unit : 1 km/h (MPH)
○Max. speed record	Display range : 0 ~ 360 km/h (0 ~ 225 MPH), can return to zero manually Display unit : 1 km/h (MPH)
○Odometer	Setting range : 0 ~ 99,999 km (mile) Setting unit : 1 km (mile)
○Trip meter A, B	Display range : 0.0~9,999.9 km (mile), can return to zero manually Display unit : 0.1 km (mile)
●Motor oil maintenance (Trip O)	Display range : OFF, -999~16,000 km (-999~10,000 mile), can be reset manually Display unit : 1 km (mile)
○Motor oil maintenance warning	Setting range : OFF, 500 ~ 16,000 km(300~10,000 mile) When lower than 0 km (mile), the value shows on the screen and flickers for warning, and the warning signal will be lit according to the setting. Setting unit : 100 km(mile)
●Circumference	Setting range : 300~2,500 mm Setting unit : 1 mm
○Sensitive point	Setting range : 1~20 P Setting unit : 1 P
●Gear Meter	Display range : OFF, -, N, 1~the highest gear
○Max. Gear record	Display range : - , N,1~the highest gear, can return to zero manually
●Tachometer	Display range : 0~10,000 RPM / 0~15,000 RPM Display unit : 111 RPM / 166 RPM
○Shift light warning	Setting range : 1,000~10,000 RPM / 0~15,000 RPM, When exceeding the set value (inclusive), the warning signal will be lit according to the setting. Setting unit : 100 RPM
○Max. RPM record	Display range : 1,000~10,000 RPM / 0~15,000 RPM, can return to zero manually. Display unit : 111 RPM / 166 RPM
●Temperature	Display range : 0.0~250.0 °C (32.0~482.0 °F) Display unit : 0.1 °C (°F)
○Overheat warning setting	Setting range : 60~250 °C(140~482 °F), When exceeding the set warning value, the value flickers, and the warning signal will be lit according to the setting. Setting unit : 1 °C (°F)
○Max. temperature record	Display range : 0.0~250.0 °C (32.0~482.0 °F) , can return to zero manually Display unit : 0.1 °C (°F)
●Fuel meter	Display range : 6 levels Display unit : 1 level(16.6 %)
●Fuel resistance	Setting range : 100 Ω, 250 Ω, 270 Ω, 390 Ω 510 Ω, 1200 Ω, Switch, Custom ,OFF
○Fuel warning setting	Setting range : 0 ~ 3/6 grid Setting unit : 1 grid
●Clock	Setting range : 00:00~23:59 (24H) 01:00~12:59 (12H)
●Voltmeter	Display range : DC 8.0 ~ 18.0 V Display unit : DC 0.1 V
○Low voltage warning	Setting range : DC 8.0~13.0 V, When lower than the set warning value for over five seconds, the value flickers, and the warning signal will be lit according to the setting. Setting unit : DC 0.1 V
●Backlight brightness	Setting range : 1/5 (darkest)~ 5/5 (brightest) Setting unit : 1/5(20%)
●Unit	Speed unit : km/h , MPH Temperature unit : °C (Celsius) and °F (Fahrenheit)
○Operating voltage	DC 12V
●Operating temperature	-20~ 85 °C
○Storage temperature	-30~ 90 °C
●Specification	JIS D 0203 (S2)
●Meter Size	D 96 mm
●Meter Weight	About 184 g
●Indicator	Check engine light (Amber) High beam light (Blue) Neutral light (Green) Warning light (Red) ABS light (Amber) Turn signal light (Green) Shift light (Red)

Meter Bracket

Meter bracket

Model	Item number
EGT, DB-01 / R	* B E 0 0 4 K 0 5 *

Handle bar meter bracket

Model	Handbar size	Item number
EGT, DB-01 / R	7/8″	* B E 0 1 8 K 0 0 *
	1 1/8″	* B E 0 0 3 K 0 1 *

Meter bracket (For Switch)

Model	Item number
Power Test & EGT	* B E 0 0 0 M 0 1 *

Meter bracket (For Switch)

Model	Item number
Mini style	* B 0 0 0 6 S 0 0 *

Handle bar meter bracket

Model	Handbar size	Item number
Mini style	7/8″	* B E 0 0 2 K 0 2 *
	1 1/8″	* B E 0 0 3 K 0 3 *

Meter bracket (For RX3 meter)

Model (Honda)	Item number
MSX / Grom 2016~	* B Z 0 0 1 0 0 0 *

Meter bracket (For RX3 meter)

Model (Honda)	Item number
Monkey 125	* B Z 0 0 1 0 0 1 *

Meter bracket (For RX3 meter)

Model (Yamaha)	Item number
Force 155	* B Z 0 0 1 0 0 2 *

Meter bracket (For RX3 meter)

Model (Suzuki)	Item number
GSX-R150	* B Z 0 0 1 0 0 4 *

Meter bracket (For RX4 meter)

Model (Yamaha)	Item number
XRS 700 (2015-2021)	* B E 0 8 1 0 0 0 *

Meter bracket (For RX4 meter)

Model (Yamaha)	Item number
XRS 900 (2016-2021)	* B E 0 8 1 0 1 0 *

Meter bracket (For RX4 meter)

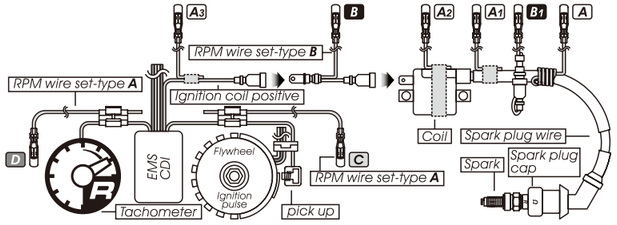
Model (Yamaha)	Item number
MT-09 (2014-2016)	* B E 0 8 1 0 2 0 *

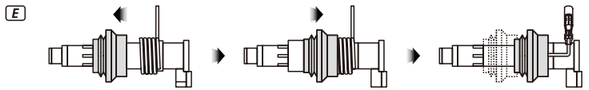
Tachomete installation instruction

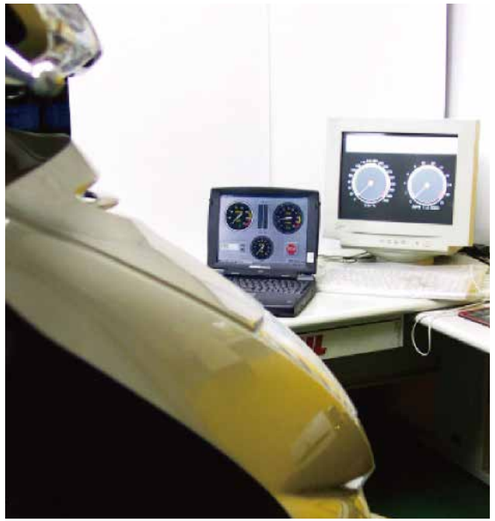
RPM sensor

INSTRUCTIONS

To improve the possibility to use the tachometer on different machines, we provide you 3 different ways to install the rpm sensor wiring. (only available on RX1N, RS DYNO meter dyno edition, and GP style universal tachometer 48mm & 55mm now.)
You could choose to wrap the wiring on the spark plug wire, connect to the ignition coil positive wire, or the pick up.
We know this may still not enough to fit every different model on the world, but we are doing our best to make it possible. the new KOSO GP style universal tachometer could fit most of the scooter and ATV with CDI ignition system on the market. there are different ignition systems exit on the market, and we will keep developing the new product for it.
as for our old product, we will adopt the new technology when upgrading them.







SCOOTER

Manufacturer	Model	A	B	C	Setting
YAMAHA	JOG 50	O	Orange	White/Red	2C-1P
	JOG 90	O	Orange	White/Blue	2C-1P
	JOG 100	X	X	White/Blue	2C-1P
	RS 100	O	X	White/Blue	2C-1P
	MAJESTY 125	O	Orange	White/Blue	2C-1P
	SV MAX 125	O	X	X	2C-1P
	CYGNUS 125	X	X	White/Green	2C-1P
	GTR 125	O	X	White/Blue	2C-1P
	AEROX 50	O	X	White/Blue	2C-1P
YAMAHA/MBK	SLIDER 50	O	-	X	2C-1P
	CHOI NORI	O	White/Blue	White/Red	2C-1P
GILERA	RUNNER 50	O	X	O	2C-1P
PEUGEOT	X-FIGHT 50	X	Yellow/Blue	Blue/Yellow	2C-1P

A TYPE *Wrap the rpm wire onto the ignition cable wire.*
B TYPE *Connect the rpm wire to the coil positive wire.*
C TYPE *Connect the rpm wire to the pick up.*

New tachometer test result:
ATV

Manufacturer	Model	A	B	C	Setting
Manufacturer	Predator 500	O	O	O	2C-1P
	Sportsman 600	X	O	X	2C-1P
	Sportsman 700	X	O	X	2C-1P
HONDA	TRX 400 EX	O	O	O	2C-1P
	TRX 450 R	O	O	O	2C-1P
YAMAHA	YFZ 450	O	X	X	2C-1P
	RAPTOR	O	O	X	2C-1P
	LTZ 400	O	O	X	2C-1P
BOMBADIER	DS 650	O	O	X	2C-1P

Main switch wiring reference:

	Power	Key on	Ground
YAMAHA	Red	Brown	Black
HONDA	Red	Red/Black	Green
SUZUKI	Red	Black	Green
KAWASAKI	White	Brown	Black/Yellow
KYMCO	Red	Black	Green
SYM	Red	Black	Green
PGO	Red/White	Orange	Black

NOTE *The color listed above may differ depending on the model.*

RPM wiring reference:

YAMAHA	Yellow/Black	**BUELL**	Ground
HONDA	Yellow/Green	**CAGIVA**	Gray/Green
SUZUKI	Yellow / Blue	**DUCATI**	Gray/Green
KAWASAKI	Light Blue	**H-D**	Pink
APRILIA	Gray / Violet	**MV**	Gray/Yellow
BMW	Black	**TRIUMPH**	Red
BENNELLI	Geay/Violet		

NOTE *The color listed above may differ depending on the model.*

Fuel indicator wiring reference:

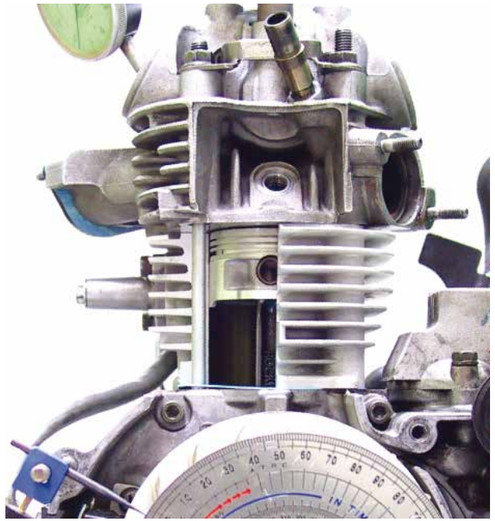
YAMAHA	Green	**KYMCO**	Yellow/White
HONDA	Yellow/White	**SYM**	Yellow/White
SUZUKI	Yellow/White	**PGO**	Gray
KAWASAKI	Black/L Green		

⚠ *The fuel sensor is electronic type, please don't parallel connection with the original- otherwise the fuel gauge won't display.*
The wrong installation of the fuel wiring may cause the meter break.

RPM sensor

INSTRUCTIONS

For the models comes with the new ignition coil, please wrap the RPM wire st least 5 times around the spark plug as the above drawing.
For the model with the normal coil with spark plug wire, please wrap the sensor wire around 3~5 times on the spark plug wire to get the signal.
If you can't catch a good signal (EX. the meter stopped counting the time after some times) from the spark plug wire, you could also try the 3 different methods showed to get a better signal, too.
For the model comes with the new ignition coil (the type without the spark plug wire), please follow the above 3 methods showed on drawing E to catch the signal.



Speed Sensor

Passive speed sensor instruction

The more magnet sensor points are, the less the display interval is. when installing the magnet, please put the magnet with N-mark side face the outsideand put them averagely to avoid wrong signal.

EX. 1 *If your disk has 3 screws, you could install 1 or 3 magnets to catch the speed.*

EX. 2 *If your disk has 4 screws, you could install 1、2 or 4 magnets to catch the speed.*

EX. 3 *If your disk has 5 screws, you could install 1 or 5 magnets to catch the speed.*

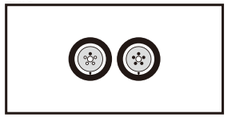
EX. 4 *If your disk has 6 screws, you could install 1、2 、3 or 6 magnets to catch the speed.*

After finishing the magnet installation and sensor point setting, please move your tire to test the speedometer work or not.

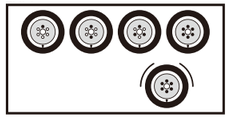
EX.1

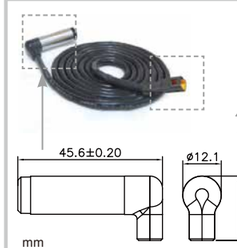
EX.2

EX.3



EX.4





A.

(water-prooft connector)

B.

(3 Pin connector)

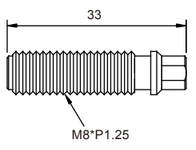
Passive speed sensor

A. SH-01

Length	Item number
900mm	* B F 0 1 9 J 0 0 *
1,150mm	* B F 0 1 9 J 0 1 *
1,350mm	* B F 0 1 9 J 0 2 *
1,550mm	* B F 0 1 9 J 0 4 *
1,750mm	* B F 0 1 9 J 0 5 *
2,000mm	* B F 0 1 9 J 0 6 *
4,000mm	* B F 0 1 9 J 0 7 *

B. SH-01

Length	Item number
900mm	* B F 0 1 9 0 0 0 *
1,150mm	* B F 0 1 9 0 0 1 *
1,350mm	* B F 0 1 9 0 0 2 *
1,550mm	* B F 0 1 9 0 0 4 *
1,750mm	* B F 0 1 9 0 0 5 *
2,000mm	* B F 0 1 9 0 0 6 *
4,000mm	* B F 0 1 9 0 0 7 *

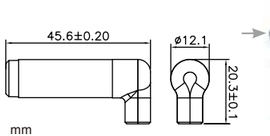


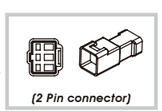
(water-prooft connector)

Reed speed sensor (FOR EX Series)

A.

Length	Item number
1450mm	* B F 2 0 0 0 0 0 *





(2 Pin connector)

Reed petal speed sensor (FOR DB02)

Length	Item number
1450mm	* B F 6 5 0 J 0 2 *

Active speed sensor instruction

The active speed sensor could be installed by the metal parts to detect the speed.

EX. 1 *The disc screw.*

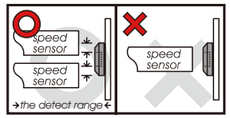
EX. 2 *The disc to detect the disc gap.*
(Please make sure the distances between the gaps are the same in advance to avoid wrong speed signal.)

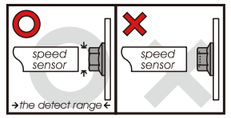
EX. 3 *The sprocket to detect the disc gap.*
(Please make sure the distances between the gaps are the same in advance to avoid wrong speed signal.)

We will suggest you to catch the speed from the disc screws. The more the sensor points are, the better the speed accuracy is.

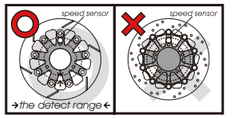
The maximum sensor points the speed sensor could detect is 60 points per turn.

EX.1

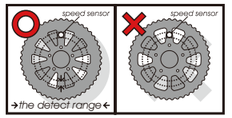




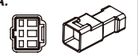
EX.2



EX.3



A.



(water-prooft connector)

B.

(3 Pin connector)

Active speed sensor

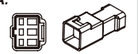
A. SA-01 (water-prooft connector)

Length	Item number
900mm	* B F 5 7 0 J 0 0 *
1,150mm	* B F 5 7 0 J 0 1 *
1,350mm	* B F 5 7 0 J 0 2 *
1,550mm	* B F 5 7 0 J 0 4 *
1,750mm	* B F 5 7 0 J 0 5 *
2,000mm	* B F 5 7 0 J 0 6 *
4,000mm	* B F 5 7 0 J 0 7 *

B. SA-01 (3 Pin connector)

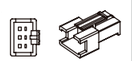
Length	Item number
900mm	* B F 5 7 0 0 0 0 *
1,150mm	* B F 5 7 0 0 0 1 *
1,350mm	* B F 5 7 0 0 0 2 *
1,550mm	* B F 5 7 0 0 0 4 *
1,750mm	* B F 5 7 0 0 0 5 *
2,000mm	* B F 5 7 0 0 0 6 *
4,000mm	* B F 5 7 0 0 0 7 *

A.



(water-prooft connector)

B.



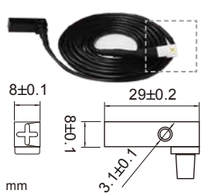
(3 Pin connector)

A. SA-07 (water-prooft connector)

Length	Item number
900mm	* B F 6 4 0 J 0 0 *
1,150mm	* B F 6 4 0 J 0 1 *
1,350mm	* B F 6 4 0 J 0 2 *
1,550mm	* B F 6 4 0 J 0 4 *
1,750mm	* B F 6 4 0 J 0 5 *
2,000mm	* B F 6 4 0 J 0 6 *
4,000mm	* B F 6 4 0 J 0 7 *

B. SA-07 (3 Pin connector)

Length	Item number
900mm	* B F 6 4 0 0 0 0 *
1,150mm	* B F 6 4 0 0 0 1 *
1,350mm	* B F 6 4 0 0 0 2 *
1,550mm	* B F 6 4 0 0 0 4 *
1,750mm	* B F 6 4 0 0 0 5 *
2,000mm	* B F 6 4 0 0 0 6 *
4,000mm	* B F 6 4 0 0 0 7 *



A.

(water-prooft connector)

A. SA-09 (water-prooft connector)

Length	Item number
1,350mm	* B F 6 4 2 0 0 0 *

ACCESSORY

Speed Sensor & Accessory

GPS Speed signal converter kit

Item number
KK000001

GPS Speed signal converter only

Item number
KK000000

GPS transmitter only

Item number
BF018000

L type Speed sensor bracket

sensor	Item number
R20	*BI003S00*
R20/25	*BI003S01*

S type Speed sensor bracket

Size	Item number
M8	*BI002S08*
M10	*BI002S10*

Sprocket magnet screw

sensor	Item number
M6 X P1.0 X 16.5L	*BF010620*
M6 X P1.0 X 14L	*BF010640*
M6 X P1.0 X 19.6L	*BF010650*
M6 X 7.6L	*BF010660*

Disc magnet screw

sensor	Pcs.	Item number
5/16 X P18 X 18.25L	1	*BF010500*
M5 X P0.8 X 12L	1	*BI010510*
M8 X P1.25 X 29L	1	*BF010800*
M8 X P1.25 X 29L	2	*BF010811*
M8 X P1.25 X 22.5L	1	*BF010820*
M8 X P1.25 X 27.5L	1	*BF010830*
M6 X P1.0 X 24L	1	*BF010600*
M6 X P1.0 X 19.7L	1	*BF010611*
M6 X P1.0 X 12.6L	1	*BF010630*

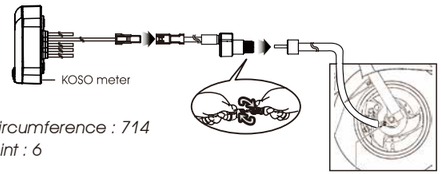
Magnet

Size	Pcs.	Item number
D6 X 5 mm	3	*BF010700*
D9 X 2.5 mm	1	*BF010701*
D10 X 3 mm	1	*BF010702*
D15 X 5 mm	1	*BF010703*
D6 X 5 mm	1	*BF010704*

Magnet & E ring

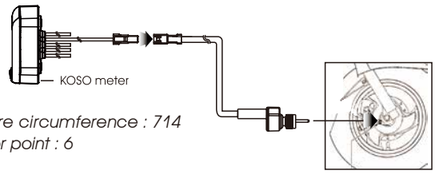
Size	Item number
D11 x 6.5H x d9.5 mm	*BF009110*

TYPE A~C



- The tire circumference : 714
- Sensor point : 6

TYPE D



- The tire circumference : 714
- Sensor point : 6

Speed sensor (for Triumph BMW)

Model	Item number
A. 900 mm	*BF190000*
B. 900 mm	*BF190010*

Speed sensor (for BMW)

Model	Item number
A. 900 mm	*BF584000*
B. 900 mm	*BF584010*

Speed signal converter A

Model		Item number
SR.X-FIGHT.BOOSTER	**A**	*BF701001*
SR.X-FIGHT.BOOSTER	**B**	*BF701000*

Speed signal converter B

Model	Item number
A. Runner	*BF801001*
B. Runner	*BF801000*

Speed signal converter C

Model	Item number
A. JIS Type A	*BF580011*
B. JIS Type A	*BF580001*

Speed sensor (for Triumph BMW)

Model	Item number
A. JIS Type a	*BF580010*
B. JIS Type a	*BF580000*

Analog to digital signal converter

Model	Item number
A. JIS Type a	*BF582000*
B. JIS Type a	*BF582002*

Active Bosh O^2 Sensor

Item number
* B 0 0 0 2 0 0 5 *

Race type O^2 Sensor

Item number
* B G 0 0 0 S 0 1 *

O^2 Sensor adapter screw kit

Size	Item number
M18 x P1.5	* B 0 0 0 2 0 0 2 *
M12 x P1.25	* B 0 0 0 2 0 0 6 *

Wide band O^2 Sensor

Item number
* B 0 0 0 2 0 0 4 *

O^2 Signal extension wire

Model	Item number
A.	* B 0 0 0 2 0 0 1 *
B.	* B 0 0 0 2 0 0 3 *

Temperature sensor

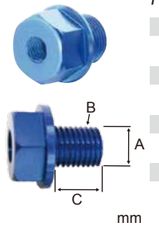
0~250°C (With water-proof connector)

Size	Item number
PT 1/8 X 28	* B F 0 5 0 0 0 *
PT 3/8 X 19	* B F 1 3 0 0 1 0 *
M10 X P1.0	* B F 1 0 0 0 0 0 *
M10 X P1.25	* B F 1 0 0 0 0 1 *
M12 X P1.5	* B F 1 2 0 0 0 0 *
M14 X P1.25	* B F 1 4 0 0 0 0 *
M14 X P1.5	* B F 1 4 0 0 0 1 *
M16 X P1.5	* B F 1 6 0 0 0 0 *
M18 X P1.5	* B F 1 8 0 0 0 0 *

Temperature sensor

0~250°C (With water-proof connector)

Size	Item number
PT 3/8 X 19	* B F 0 5 0 0 1 2 *
M 12 X P1.5	* B F 1 2 0 0 0 3 *
M 14 X P1.5	* B F 1 4 0 0 0 5 *
M 14 X P1.25	* B F 1 4 0 0 0 6 *
M 16 X P1.5	* B F 1 6 0 0 0 2 *
M 18 X P1.5	* B F 1 8 0 0 0 2 *



mm

Temperature sensor adapter

A	B	C	Item number
M12 x P1.5 x 15L			* B G 2 4 1 2 1 5 *
M14 x P1.25 x 15L			* B G 2 4 1 4 1 2 *
M14 x P1.5 x 15L			* B G 2 8 1 4 1 5 *
M16 x P1.5 x 15L			* B G 3 0 1 6 1 5 *
M18 x P1.5 x 15L			* B G 3 0 1 8 1 5 *
M20 x P1.0 x 15L			* B G 3 0 2 0 1 0 *
M20 x P1.5 x 15L			* B G 3 0 2 0 1 5 *

Temperature sensor

0~150°C

Size	Item number
PT 1/8 X 28	* B F 0 3 0 1 2 5 *
M10 X P1.0	* B F 1 0 0 1 0 0 *
M10 X P1.25	* B F 1 0 0 1 2 5 *
M12 X P1.5	* B F 1 2 0 1 2 5 *
M14 X P1.25	* B F 1 4 0 1 2 5 *
M14 X P1.5	* B F 1 4 0 1 5 0 *
M16 X P1.5	* B F 1 6 0 1 5 0 *
M18 X P1.5	* B F 1 8 0 1 5 0 *

Water temp adapter

(With Temperature sensor)

Size	Item number
14 mm	* B G 1 1 4 0 0 1 *
16 mm	* B G 1 1 6 0 0 1 *
18 mm	* B G 1 1 8 0 0 1 *
22 mm	* B G 1 2 2 0 0 1 *
26 mm	* B G 1 2 6 0 0 1 *

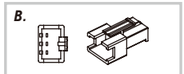
Water temp adapter

Size	Item number
14 mm	* B G 1 1 4 0 0 0 *
16 mm	* B G 1 1 6 0 0 0 *
18 mm	* B G 1 1 8 0 0 0 *
22 mm	* B G 1 2 2 0 0 0 *
26 mm	* B G 1 2 6 0 0 0 *

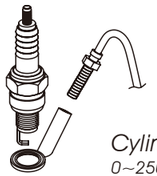
A.

(water-proof connector)

B.



(3 Pin connector)



Cylinder head temp sensor

0~250°C

Size	Item number
A. 10 mm	*KI001R11*
14 mm	*KI001R15*
B. 10 mm	*KI000R10*
14 mm	*KI000R14*

EGT Sensor

200~1000°C

Type	Item number
Sport	*BF000004*

EGT Sensor

200~1000°C

Type	Item number
Race	*BF000005*

EGT Sensor clamp

Type	Size	Item number
Sport	40-64 mm	*BI520001*
Sport	60-80 mm	*BI520002*

EGT Sensor clamp

Type	Size	Item number
Race	21-38 mm	*BI520003*
Race	40-64 mm	*BI520004*

Adapter wire for cylinder head temp

Type	Item number
A. YAMAHA - CYGNUS.BWS.GTR.MIO.NEW CUXI	*B000324*
B. YAMAHA - S-MAX	*B000325*
C. KYMCO - RACING 150.VJR.QUANNON	*B000324*
D. SYM - RX 110 / HONDA - SCOOPY	*B000325*
E. HONDA - PCX.VARIO	*B000324*
F. HONDA - MSX	*B000324*

A.

B.

C.

D.

E.

F.

Adapter wire for A/F ratio

Type	Item number
A. YAMAHA - CYGNUS.BWS.RS	*B000320*
B. YAMAHA - MIO.NEW CUXI	*B000330*
C. SYM & KYMCO	*B000321*
D. SUZUKI - V125	*B000322*
E. HONDA - PCX.GROM	*B000323*

A.

B.

C.

D.

E.

Main wire

Model	Item number
A. RX2N	*B001500*
B. RX2N, RX2	*B001100*
C. DB-01R	*B001800*

A.

C.

B.

Wire Harness

Temp Sensor wire set (JST TYPE)

Size	Item number
105 mm	*B0001001*

Temp Sensor wire set

Size	Item number
1 M	*B0000100*
2 M	*B0000200*

RPM wire set (Type A)

Item number
B0001A00

RPM wire set (Type B)

Item number
B0001B00

RPM wire set (Type A)

Item number
B0001A01

RPM wire set (Type B)

Item number
B0001B01

RPM wire set (Type A)

Item number
B0001A02

RPM wire set (Type C)

Item number
B0001C00

Speed sensor extension wire set

Size	Item number
100 mm	*B0005000*

Shift light

Size	Item number
D48 mm	*BJ480R00*
D55 mm	*BJ550R00*

Battery box

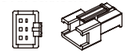
Size	Item number
UNIVERSAL	*QQ001000*

Connect terminal

Item number
QH001R00

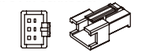
Switches

CNC Dual buttons switch (For 7/8 & 1 inch)

A. water-proof connector	B. 3 Pin connector
	

Connector	Item number
A	*KB007000*
B	*KB007010*
no connector	*KB007020*

CNC switch (For 7/8 & 1 inch)

A. water-proof connector	B. 3 Pin connector
	

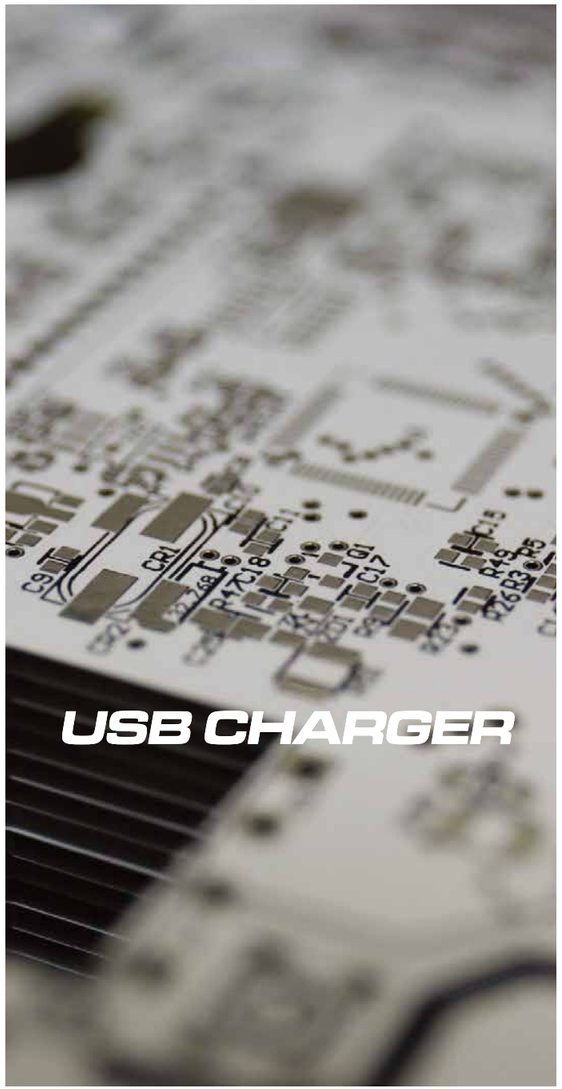
Connector	Item number
A	*KB003000*
B	*KB003010*
no connector	*KB003020*

HANDLE BAR TYPE SINGLE

Connector	Item number
water-prooft	*B0020011*

HANDLE BAR TYPE DUAL

Connector	Item number
water-prooft	*KB009000*



Dual Port USB Charger (2A)

Automatic power off	Item number
11.5 V	* K 0 0 0 8 1 0 0 *
12.5 V	* K 0 0 0 8 1 1 0 *
12.5 V (for Harley-Davidson)	* K 0 0 0 8 0 0 0 *

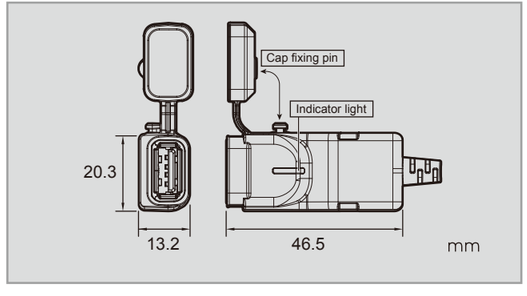
USB Charger (2A)

Automatic power off	Item number
11.5 V	* K 0 0 0 9 0 0 0 *

Dual Port USB Charger
(support quick charge)

Automatic power off	Feature	Item number
11.5 V	QC 3.0	* K 0 0 1 2 0 0 0 *

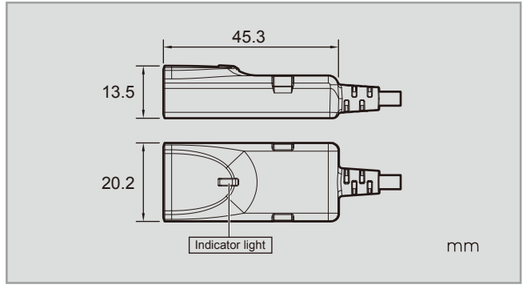
E IP67



USB Charger

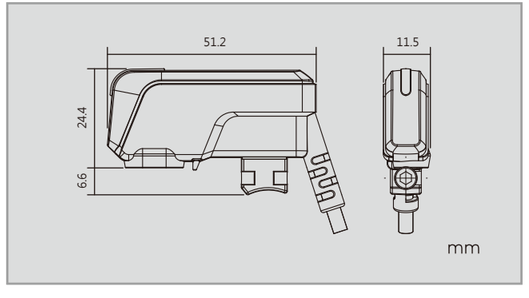
Automatic power off	Feature	Item number
11.5 V	QC 3.0	* K W 0 0 2 0 0 0 3 *
11.5 V	TYPE C	* K W 0 0 5 0 0 0 0 *

E IP67



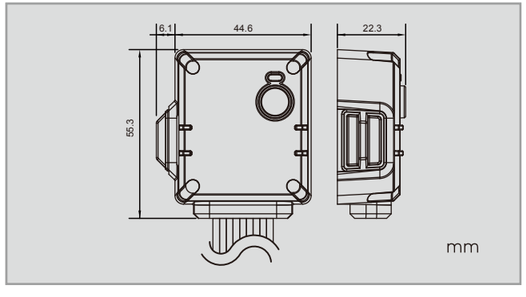
USB Charger

Automatic power off	Feature	Item number
11.5 V	QC 3.0	* K W 0 1 0 0 0 0 *
11.5 V	TYPE C	* K W 0 0 9 0 0 0 *



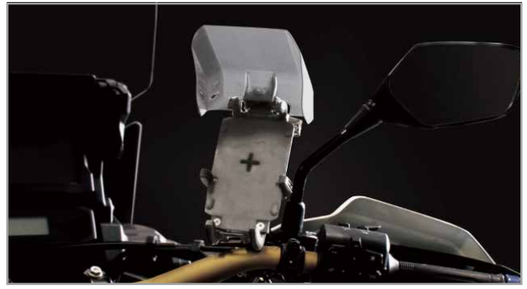
Type C Charger - Single Port

Automatic power off	Feature	Item number
11.5 V	TYPE C	* K W 0 1 1 0 0 0 *



ACC. Power Supply Extensioner

Automatic power off	Item number
11.5 V	* K K 0 2 0 0 0 0 *

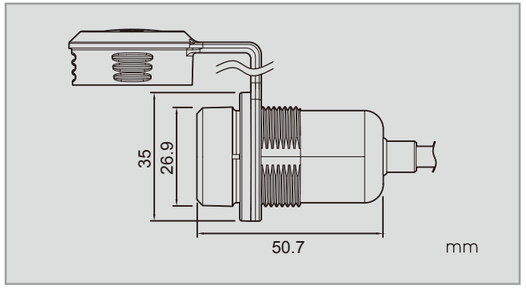


ARMOR Phone Holder

(wireless charger)

Automatic power off	Item number
12.5 V	* Q R 0 0 5 0 0 0 *

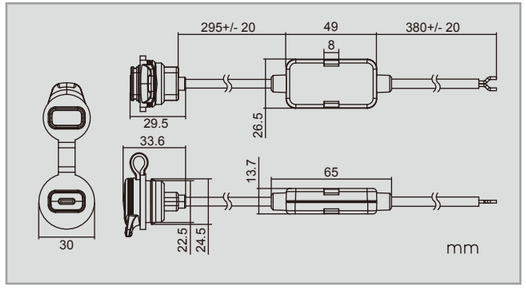
IP66



USB Charger

Automatic power off	Feature	Item number
12 V	TYPE C	* K W 0 1 4 0 0 0 *
12 V	TYPE A+C	* K W 0 1 5 0 0 0 *

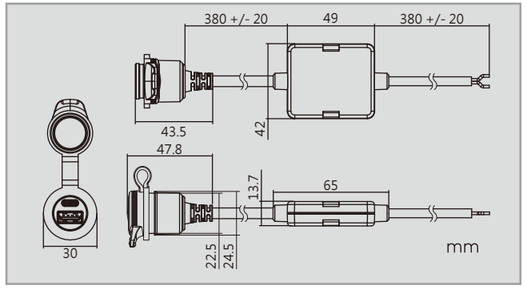
IP66



Single Port USB Charger

Automatic power off	Feature	Item number
12 V	TYPE C	* K W 0 1 6 2 0 0 *

IP66



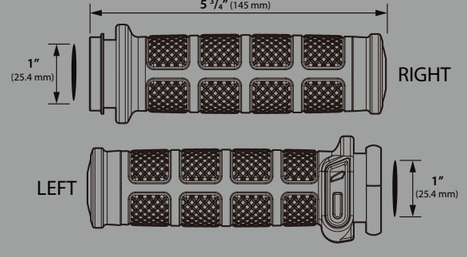
Dual Port USB Charger

(support quick charge)

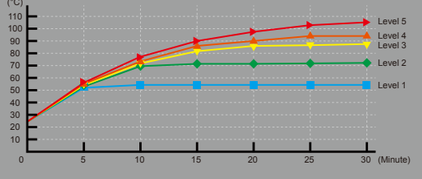
Automatic power off	Feature	Item number
12 V	Single Fast Charger	* K W 0 1 6 1 0 0 *
12 V	Dual Fast Charger	* K W 0 1 6 0 0 0 *

The Titan II features an integrated heating design that combines clean aesthetics with intuitive control. Compatible with electronic and cable throttle systems, it offers a true plug-and-play installation with no wiring modification required. Hidden wiring maintains a factory-style appearance, while the built-in LED indicator provides five adjustable heat levels for reliable comfort during cold rides.

TITAN-II (for Harley-Davidson)

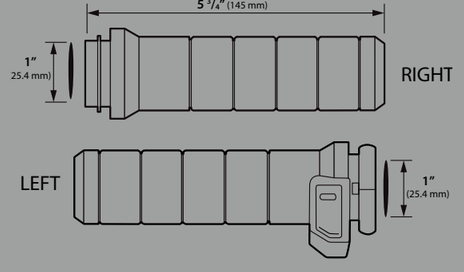


Body	Item number
Electronic Throttle - Black	★AX2080L0★
Electronic Throttle - Silver	★AX2080L4★
Cable Throttle - Black	★AX2082L0★
Cable Throttle - Silver	★AX2082L4★

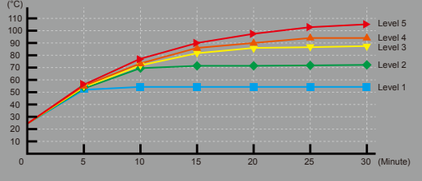


Finished are the days of searching around for a dial or button to power on heated grips. Our Titan-X heated grips for Harley-Davidson® feature an integrated 5 temperature level thumb switch which allows riders to easily power on/off or adjust the level of temperature without having to remove their hands from the handle-bars.* Fits 1” + 1” handlebar

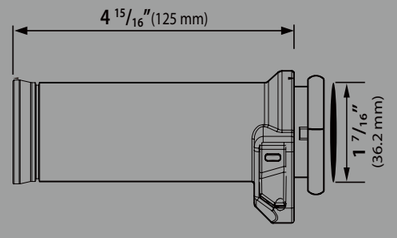
TITAN-X (for Harley-Davidson)



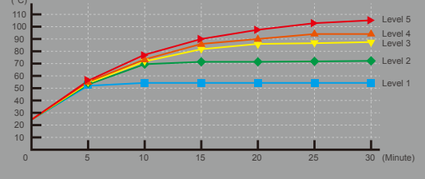
Body	Item number
Electronic Throttle - Black	*AX0688K00*
Electronic Throttle - Chrome	*AX0688M00*
Cable Throttle - Black	*AX0688K10*
Cable Throttle - Chrome	*AX0688M10*



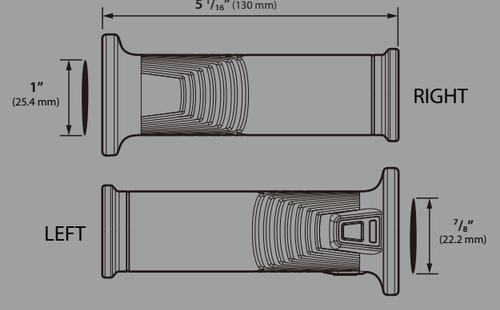
APOLLO-X (for Harley-Davidson)



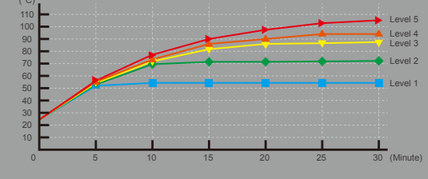
Body	Item number
Electronic Throttle - Black	* A X 1 1 8 0 I 0 *
Cable Throttle - Black	* A X 1 1 8 2 I 0 *



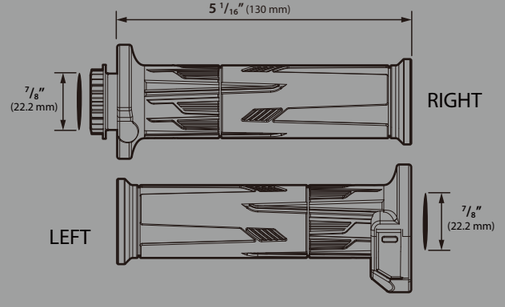
ARTEMIS NEW !



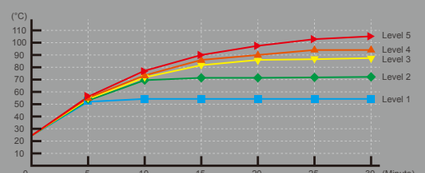
Size	Item number
7/8"+1" L120mm	* A X 1 7 0 0 I 0 *
7/8"+1" L130mm	* A X 1 7 1 0 I 0 *



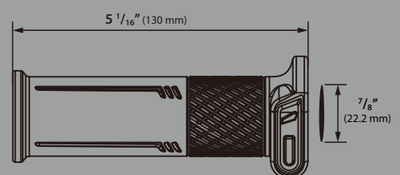
HG-14



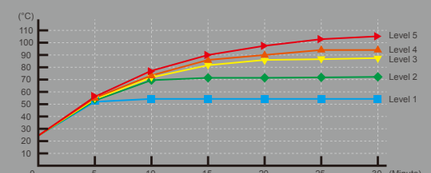
Size	Item number
7/8"+7/8" L120mm	* A X 0 8 0 0 I 0 *
7/8"+7/8" L130mm	* A X 0 8 1 0 I 0 *



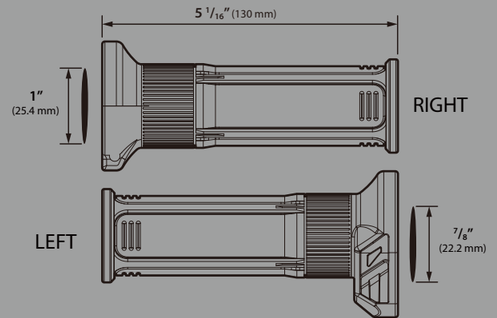
APOLLO II NEW !



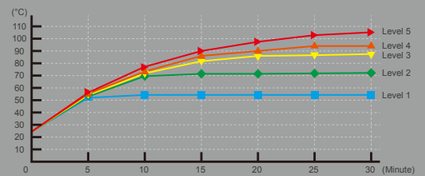
Size	Item number
7/8"+1" L120mm	* A X 1 8 0 0 L 0 *
7/8"+1" L130mm	* A X 1 8 1 0 L 0 *



HG-13



Size	Item number
7/8"+1" L120mm	*AX04101O*
7/8"+1" L130mm	*AX04111O*

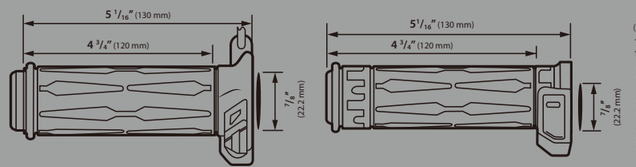


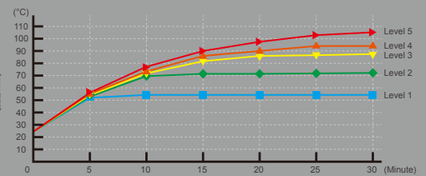
APOLLO

Size	Item number
7/8"+1" L120mm	*AM11101O*
7/8"+1" L130mm	*AM11103O*

For ATV / Snowmobile

Size	Item number
7/8"+7/8" L130mm	*AX07301O*
7/8"+7/8" L130mm (with heated thumb)	*AX07321O*

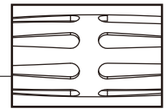




HG-03N

Item number

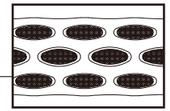
AM103



HG-04N

Item number

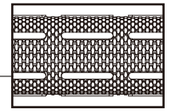
AM104



HG-05N

Item number

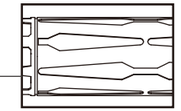
AM105



HG-07

Item number

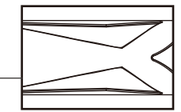
AM107



HG-08

Item number

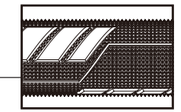
AM108



HG-09

Item number

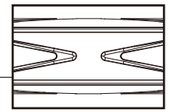
AM109



HG-11

Item number

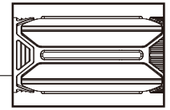
AM190



HG-12

Item number

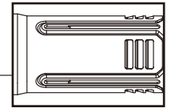
AM113



HG-13

Item number

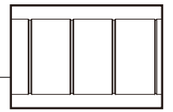
AX041



TITAN

Item number

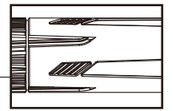
AX065



HG-14

Item number

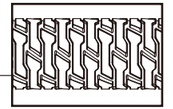
AX080



HG-15

Item number

AX090



SNOW/DIRT BICYCLE

MX-1

Item number

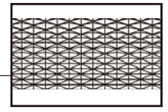
AX130

BICYCLE

HB-01

Item number

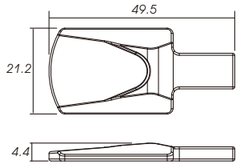
AX107



THUMB HEATER KIT

Item number

AM00001B



FOR YAMAHA

NMAX All Generations

Item number

AL077001

XMAX All Generations

Item number

AL078001

FOR HONDA

FORZA All Generations

Item number

AL605001

PCX All Generations

Item number

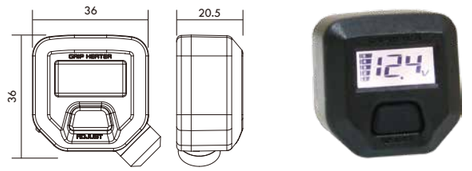
AL641001

Heater Grip Switches

The heated grips are compatible with multiple switch options and offer five adjustable heating levels to suit different riding conditions.
Selected switch models feature a built-in charging function, allowing you to power mobile devices for all-day riding confidence.

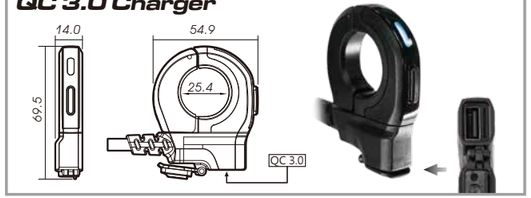
H type

AF190000



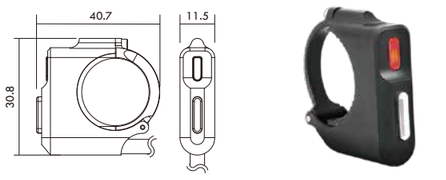
Switch with QC 3.0 Charger

KB011100



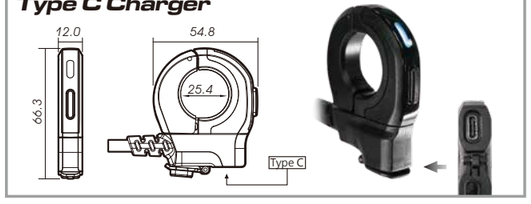
J type

KB005000



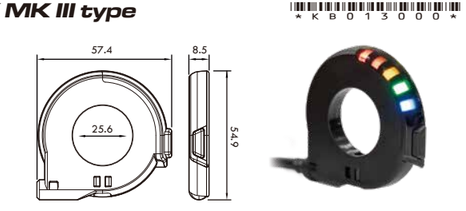
Switch with Type C Charger

KB011000



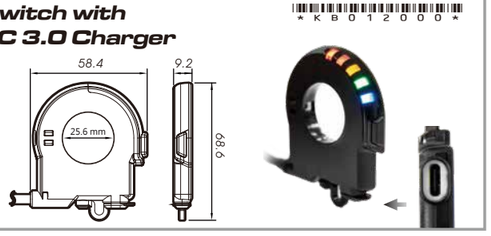
K MK III type

KB013000



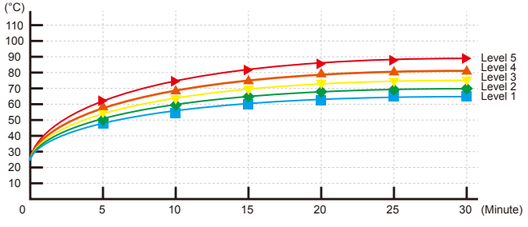
Switch with QC 3.0 Charger

KB012000



HEATING GRIPS TESTING DATA

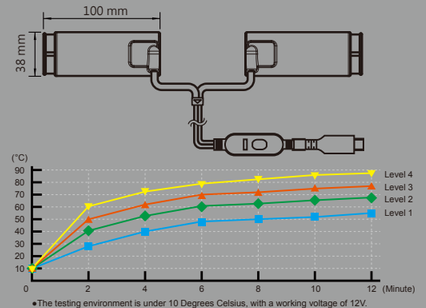
- Test conditions: 26°C ambient, 13.5 V, no airflow.
- This illustration shows typical heating level behavior for reference only.
- Actual heating performance may vary depending on the connected heated grips, power supply conditions, ambient temperature, and riding conditions.



These new heated devices are for the user that does not want to commit to changing their grips but still want to maintain the comfort of heated grips. The fitment is intended to fit all sorts of handlebar sizes. They can be installed and removed in a mater of seconds and kept in any sport bag when not in use. The power source is a simple connection to your USB port (5V).

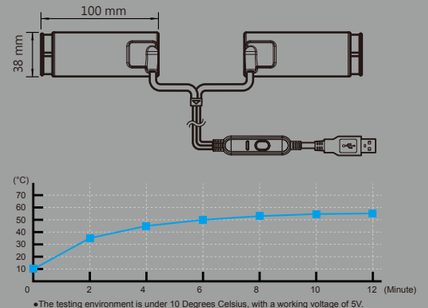
X-CLAWS II

Specification	Item number
IN-LINE Switch USB-C (12V)	*AX190DMO*



●The testing environment is under 10 Degrees Celsius, with a working voltage of 12V.

Specification	Item number
IN-LINE Switch USB-A (5V)	*AX190D1MO*

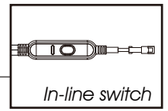


●The testing environment is under 10 Degrees Celsius, with a working voltage of 5V.

X-CLAWS

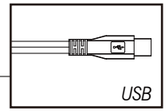
Item number

AX1200M0



Item number

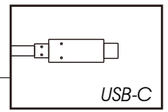
AX1200000



X-CLAWS II

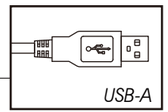
Item number

AX1900M0



Item number

AX1901M0



REMOVABLE

Item number

AM112000

HEATED SEAT CUSHION

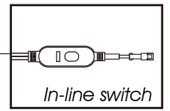
Item number

PG000000

HEATED GRIP WRAPS

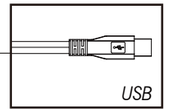
Item number

AX210001



Item number

AX210000



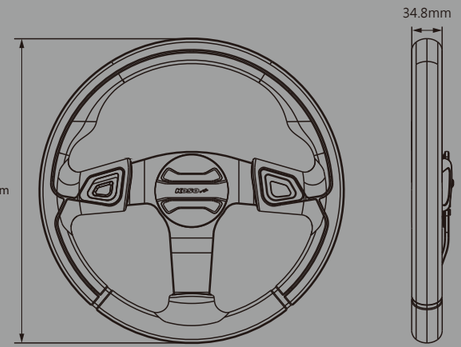
HEATED GLOVES

Item number

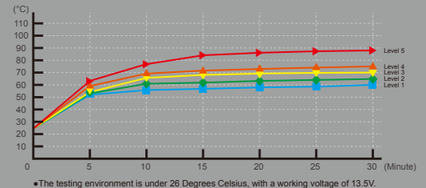
QS003000

Our new innovative Heated Steering Wheel for UTVs or golf carts will keep you warm and comfortable through all your adventures. New in its category, this item features an integrated 5 heat level temperature switch which allows riders to easily power on/off or adjust the level of temperature without having to remove their hands from the steering wheel. The Heated Steering Wheel is made of durable materials and is designed with an ergonomic shape for better mobility no matter the conditions. Its technology also features a low volt cut-off to protect your battery from overheating.

HEATED STEERING WHEEL



Specification	Item number
Integrated temperature control switch	★ A Y 0 0 1 0 0 0 ★



●The testing environment is under 26 Degrees Celsius, with a working voltage of 13.5V.

YAMAHA

Item number

* A Z 0 0 7 0 0 0 *

CLUB CAR

Item number

* A Z 0 0 7 0 0 1 *

EZ-GO

Item number

* A Z 0 0 7 0 0 2 *

POLARIS

Item number

* A Z 0 0 7 0 0 3 *

KAWASAKI

Item number

* A Z 0 0 7 0 0 4 *

Specifications

- Class D brightness level
- Voltage:
- Low beam: DC 12V / 21.8W
- High beam: DC 12V / 31.5W
- Brightness:
- Low beam: 1023 lumens
- High beam: 1138 lumens
- E-mark compliant

Bending Light - Right

Bending Light - Left

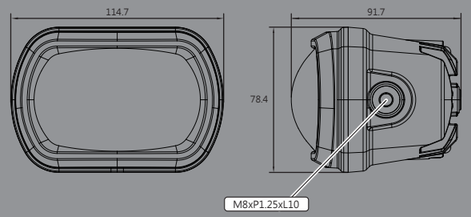
Low Beam

High Beam

ASTRAL NEW !

Experience a new level of intelligent motorcycle lighting. The Astral combines Low Beam, High Beam, and five-stage Auxiliary Lighting in one advanced projector module. With the innovative Bending Light design integrated into both the low- and high-beam projector system, the headlight delivers enhanced visibility while bringing intelligent lighting technology to a new level. Designed for both performance and innovation, it creates a smarter, more distinctive lighting experience on every ride.

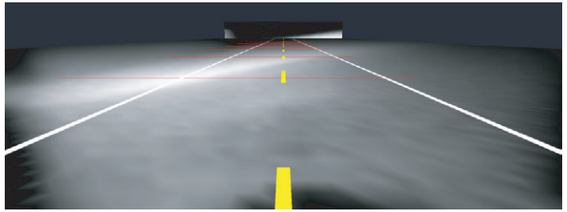
Body Color	Lens	Item number
Black	Clear	*GA03100*



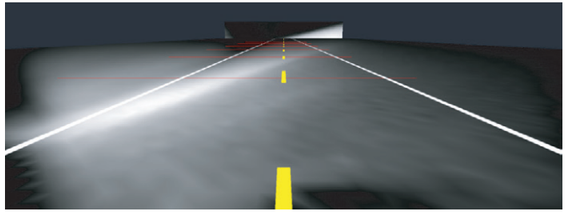
mm

Five-Level Bending Light (Low-Beam Mode Only)

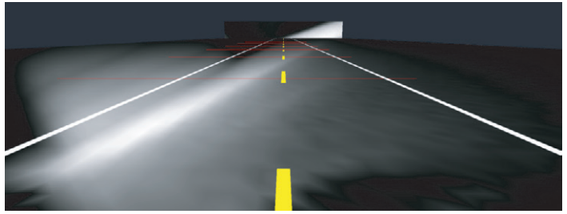
Level 1 - Lean Angle 5°~8°



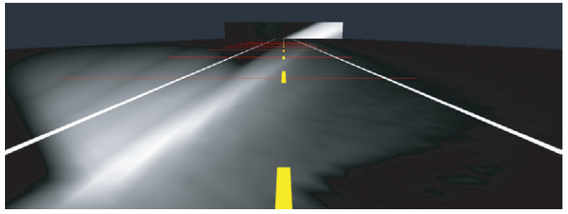
Level 2 - Lean Angle 9°~12°



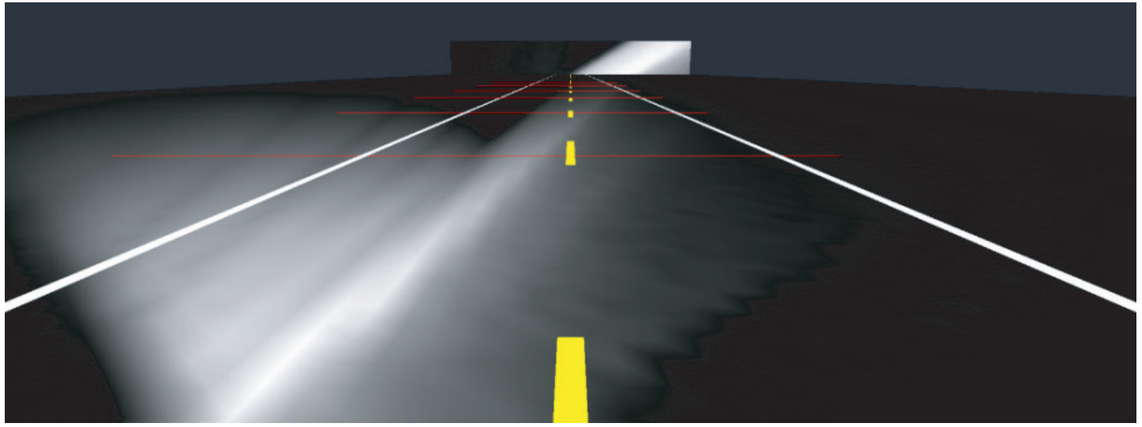
Level 3 - Lean Angle 13°~16°



Level 4 - Lean Angle 17°~21°



Level 5 - Lean Angle 22°~25°



Specifications

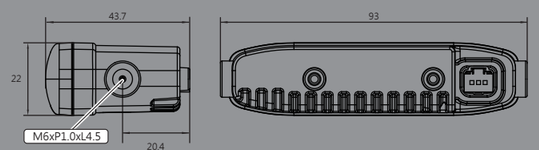
- Class C brightness level
- Voltage:
- Low beam: DC 12V / 7W
- High beam: DC 12V / 17W
- Brightness:
- Low beam: 790 lumens
- High beam: 1975 lumens
- E-mark and DOT compliant

Low Beam | High Beam

BLADE

The Blade LED headlight is a high-performance, ultra-slim LED headlight module designed for modern and custom motorcycles. With a height of only 22mm, its sleek profile maintains a minimalist aesthetic while delivering powerful illumination. Whether in a single or stacked configuration, the Blade offers unmatched visual impact.

Body Color	Lens	Item number
Black	Clear	*GA03700*



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Specifications

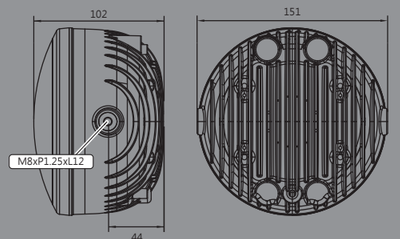
- Class D brightness level
- Voltage:
- Front position: DC 12V / 1.9W
- DRL: DC 12V / 14.1W
- Low beam: DC 12V / 18W
- High beam: DC 12V / 33.7W
- Brightness:
- Low beam: 1621 lumens
- High beam: 2703 lumens
- E-mark and DOT compliant

DRL + Front Position | Low Beam | High Beam

GH01

Presenting the newest addition to our headlight lineup: the GH01 LED headlight. Perfect for any bike, this new universal headlight is E-Mark, DOT and SAE certified. The GH01's LED light design will not only give a great look to your motorcycle, but its powerful LED lights will also allow you to drive safely all throughout the day and night.

Body Color	Lens	Item number
Black	Clear	*GA03400*



mm

Specifications

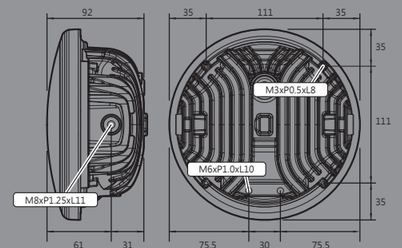
- Class D brightness level
- Voltage:
- Front position: DC 12V / 2.7W
- Low beam: DC 12V / 24.9W
- High beam: DC 12V / 20.2W
- Brightness:
- Low beam: 1889 lumens
- High beam: 1557 lumens
- E-mark and DOT compliant

Low Beam | High Beam

ZENITH

The Zenith LED headlight is perfect for any bike, this new universal headlight features a lightweight, durable die-cast housing and is also DOT and SAE certified. The Zenith's LED light design will not only give a great look to your motorcycle, but its powerful LED lights will also allow you to drive safely all throughout the day and night.

Body Color	Lens	Item number
Black	Clear	*GA03000*



mm

Specifications

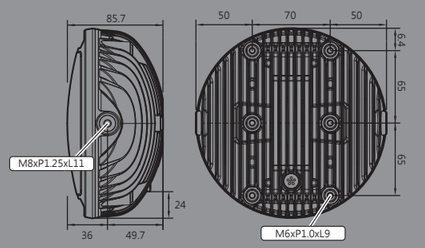
- Class D brightness level
- Voltage:
- Front position: DC 12V / 5W
- Low beam: DC 12V / 15W
- High beam: DC 12V / 22W
- Brightness:
- Low beam: 1319 lumens
- High beam: 2089 lumens
- E-mark and DOT compliant

Low Beam | High Beam

THUNDERBOLT EVO

A brighter headlight means more security, this is the reason why Koso decided to release its new Thunderbolt LED headlight. This headlight features a light weight but durable aluminium housing and is one of the only headlights on the market today to be produced using CNC technology. This headlight is universal meaning it can fit virtually any bike and is also DOT certified.

Body Color	Lens	Item number
Black	Clear	*GA00210*



mm

Specifications

- Class B brightness level
- Voltage:
- Front position: DC 13.5V / 0.8W
- Low beam: DC 13.2V / 14.7W
- High beam: DC 13.2V / 7.3W
- Brightness:
- Low beam: 508 lumens
- High beam: 1007 lumens
- E-mark and DOT compliant

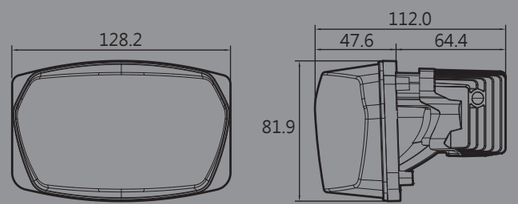
Low Beam

High Beam

H001 LED HEADLIGHT

The H001 LED headlight give an awesome custom look while providing powerful LED brightness. These headlights features a light weight and durable CNC aluminium housing that can be installed on virtually any application. E-Mark and DOT certified.

Body Color	Lens	Item number
Black	Clear	*GA003000*



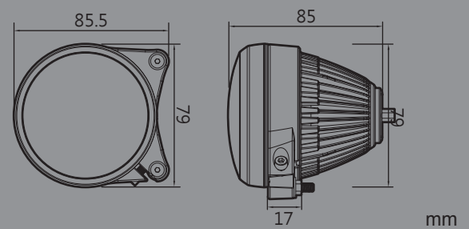
Specifications

- Class D brightness level
- Voltage:
- Low beam: DC 12V / 14W
- High beam: DC 12V / 14W
- Brightness:
- Low beam: 1058 lumens
- High beam: 813 lumens
- E-mark and DOT compliant

HAWKEYE

The new Hawkeye dual headlight give an awesome custom look while providing powerful LED brightness. These headlights features a light weight and durable CNC aluminium housing that can be installed on virtually any application. E-Mark and DOT certified.

Body Color	Features	Item number
Black	Low beam	*GA004000*
Black	Low / High beam	*GA004100*
Black	High beam	*GA005000*



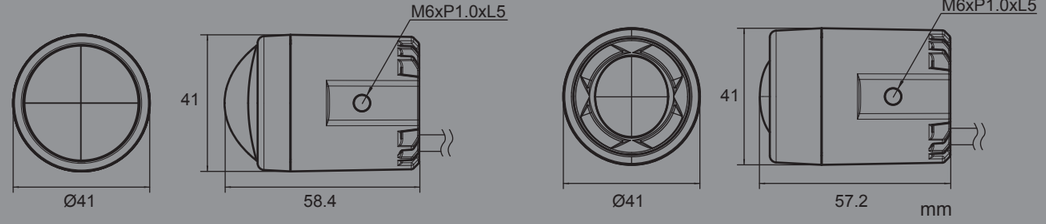
Specifications

- Class D brightness level
- Voltage:
- Low beam: DC 12V / 11.2W
- High beam: DC 12V / 9.6W
- Brightness:
- Low beam: 1129.8 lumens
- High beam: 879.5 lumens
- E-mark compliant

MINI LED HEADLIGHT

Small in size but big on brightness, the new Koso Mini LED headlights series features high power LEDs that are sure to be seen by all vehicles on the road day or night. This series features different types of headlights: Low beam, high beam and fog light.

Body Color	Features	Item number
Black	Low beam	*GA03200*
Black	High beam	*GA03210*



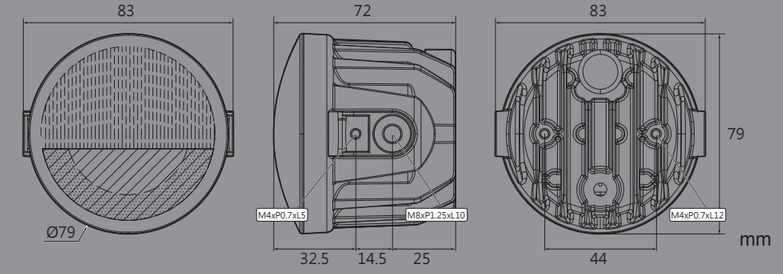
Specifications

- Class D brightness level
- Voltage:
- Low beam: DC 12V / 13.6W
- High beam: DC 12V / 24.8W
- Brightness:
- Low beam: 1146.89 lumens
- High beam: 2150.19 lumens
- E-mark compliant / SAE Approved

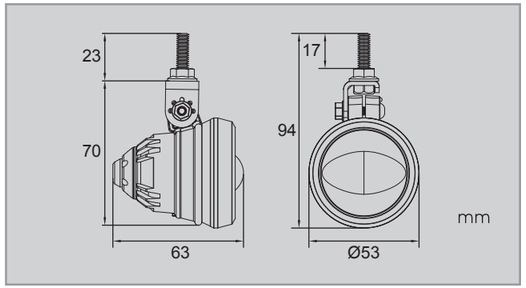
STROM LED H/L MODULE

This compact sized LED headlight has a universal connector and comes with a bracket that can be easily installed on any motorcycle. It features a lightweight and durable aluminium housing produced with CNC technology and is also SAE certified.

Body Color	Lens	Item number
Black	Clear	*GA03500*



Body Size

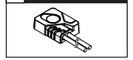


Aurora fog light

Body Color	Lens	pcs.	Accessories	Item number
Black	Clear	1	Frame	* H G 0 0 8 0 0 0 *
Black	Clear	2	Frame / Switch / DRL Mounting System	* H G 0 0 8 0 0 1 *
Black	Clear	1	Switch / Switch	* H G 0 0 8 0 1 0 *

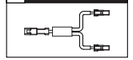
Option accessory

1 Fog light switch

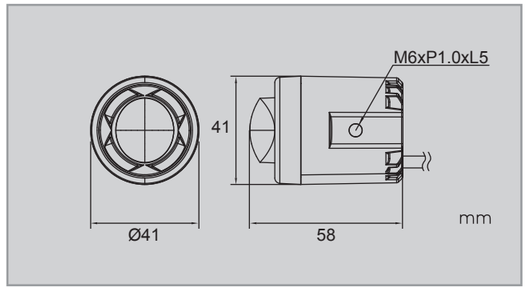


2 Fog light switch

3 2 to 1 adaptor harness



Body Size

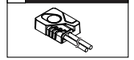


Mini fog light

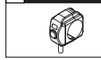
Body Color	Lens	pcs.	Accessories	Item number
Black	Clear	1	Frame	* H G 0 1 0 0 0 0 *

Option accessory

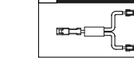
1 Fog light switch



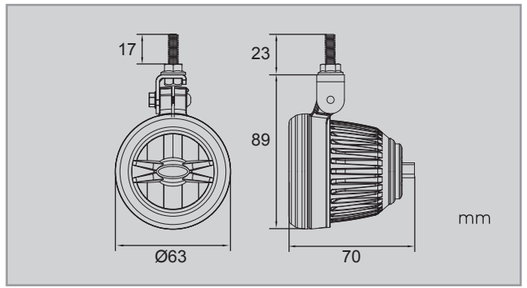
2 Fog light switch



3 2 to 1 adaptor harness



Body Size

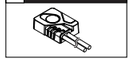


Star fog light

Body Color	Lens	pcs.	Accessories	Item number
Black	Clear	1	Frame	* H G 0 0 9 0 0 0 *

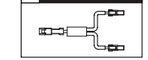
Option accessory

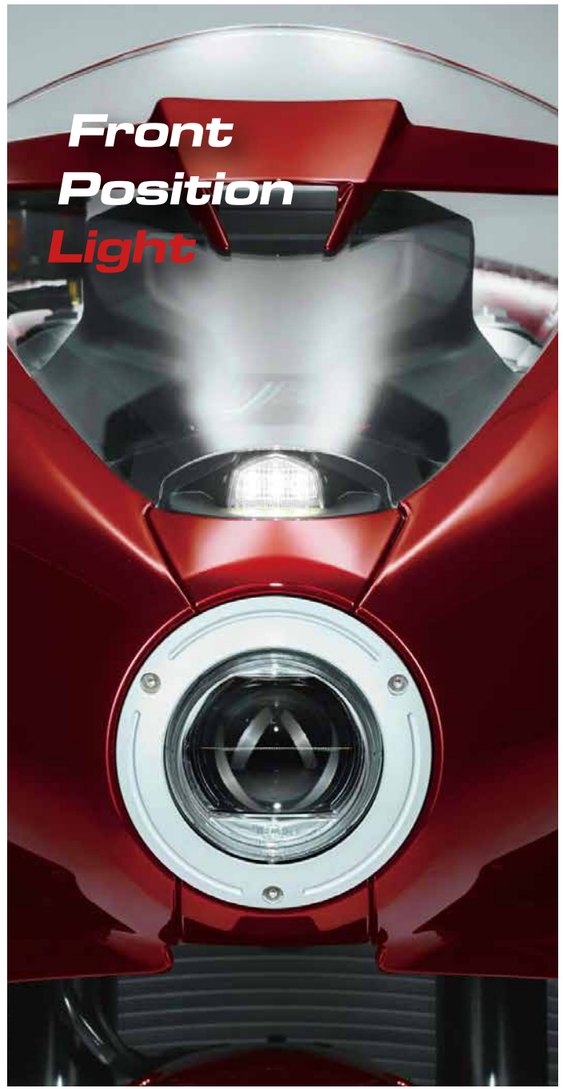
1 Fog light switch



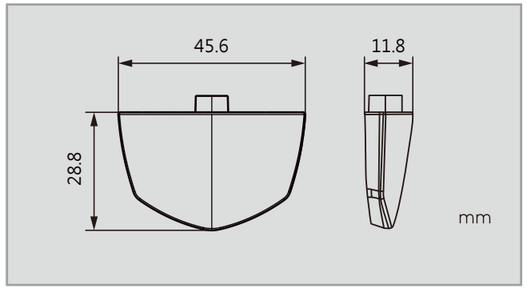
2 Fog light switch

3 2 to 1 adaptor harness





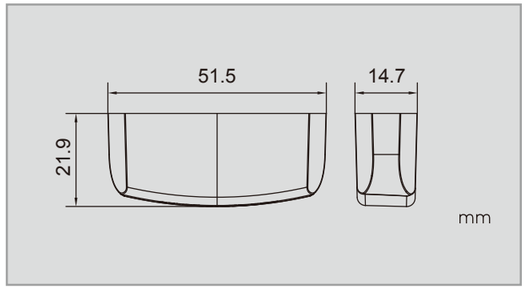
Body Size



Speed

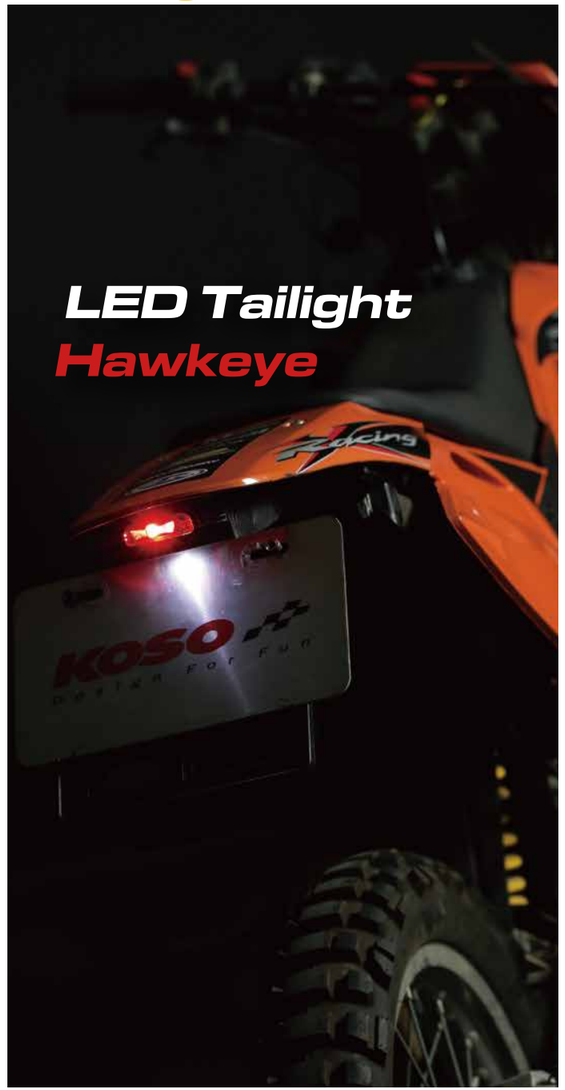
Body Color	Lens	Item number
Black	Clear	* H D 0 0 9 1 0 0 *

Body Size



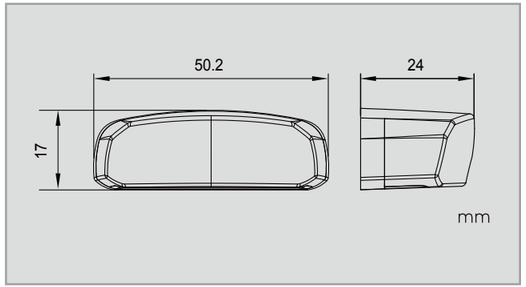
Blitz

Body Color	Lens	Item number
Black	Clear	* H H 0 4 8 1 0 1 *



E

Body Size

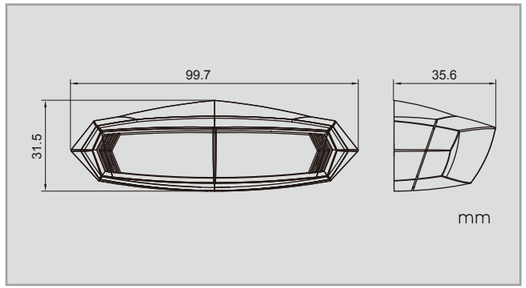


Hawkeye

Body Color	Lens	Item number
Black	Red	*HB034000*
Black	Smoke	*HB034010*

E

Body Size

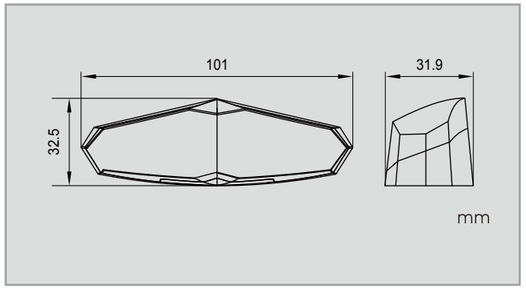


Mini 2

Body Color	Lens	Item number
Black	Red	*HB037000*
Black	Smoke	*HB037010*

E

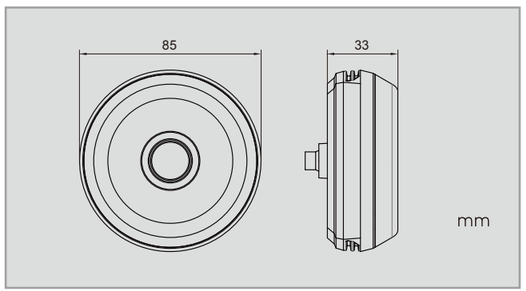
Body Size



Infinity

Body Color	Lens	Item number
Black	Smoke	*HB025010*
Black	Red	*HB025020*

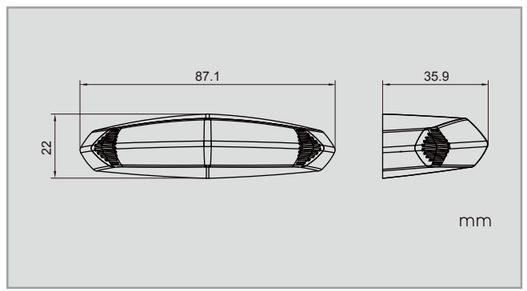
Body Size



Solar

Body Color	Lens	Item number
Black	Clear	*HB035000*
Black	Smoke	*HB035010*
Black	Red	*HB035020*

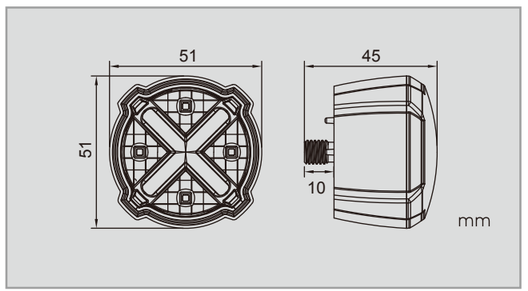
Body Size



GT-01

Body Color	Lens	Item number
Black	Red	*HB031000*
Black	Smoke	*HB031100*

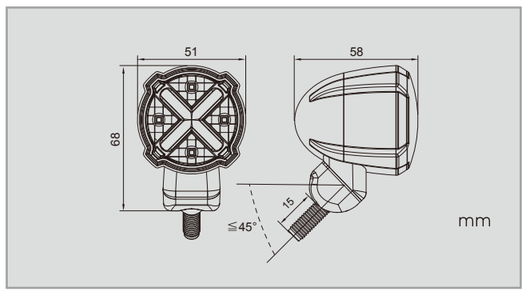
Body Size



GT-02

Body Color	Lens	Item number
Black	Red	*HB036001*
Black	Smoke	*HB036101*

Body Size



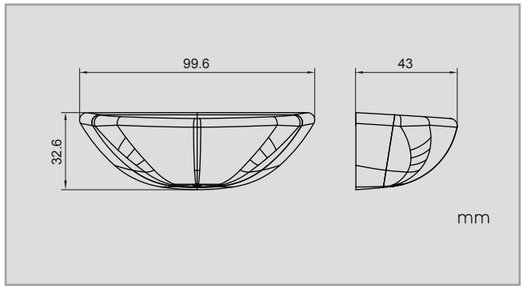
GT-02S

Body Color	Lens	Item number
Black	Red	*HB036000*
Black	Smoke	*HB036100*

LED Tailight

E

Body Size

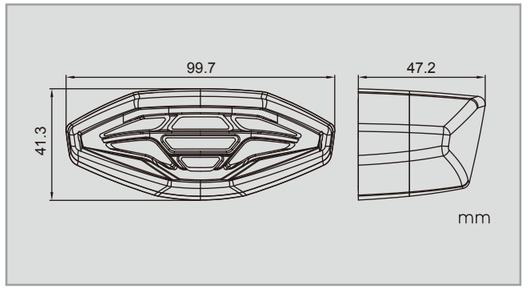


GT-03

Body Color	Lens	Item number
Black	Red	* H B 0 3 8 0 0 0 *
Black	Smoke	* H B 0 3 8 1 0 0 *

E

Body Size



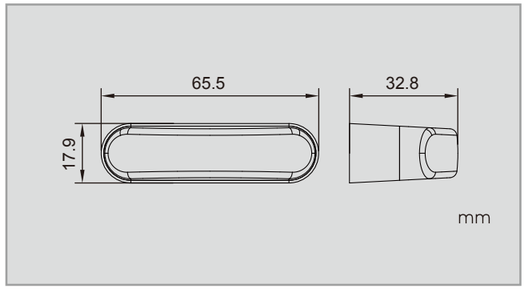
GT-04

Body Color	Lens	Item number
Black	Smoke	* H B 0 3 9 0 0 0 *

NEW !

E

Body Size



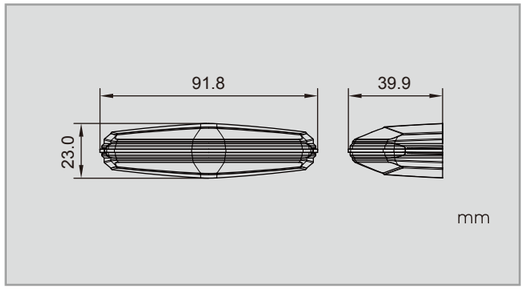
GT-05

Body Color	Lens	Item number
Black	Smoke	* H B 0 4 0 0 0 0 *

NEW !

E

Body Size

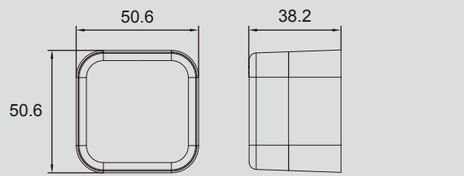


GT-06

Body Color	Lens	Item number
Black	Red	* H B 0 4 1 0 0 0 *
Black	Smoke	* H B 0 4 1 1 0 0 *

E

Body Size

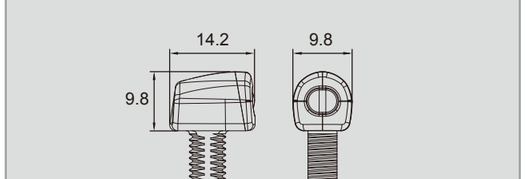


GT-07

Body Color	Lens	Item number
Black	Red	*HB042000*
Black	Smoke	*HB042100*

E

Body Size



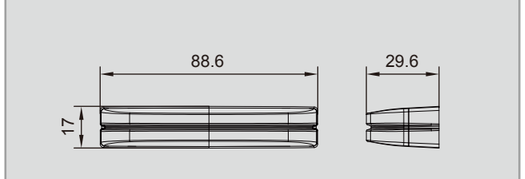
Nano

Body Color	Lens	Item number
Black	Clear	*HE041200*

NEW !

E

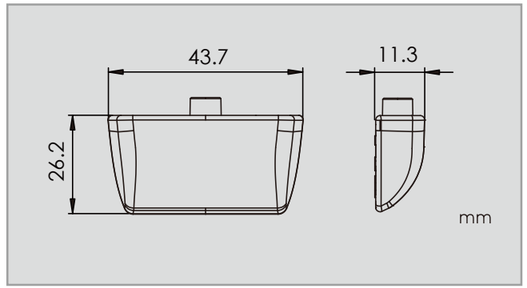
Body Size



TWIN

Body Color	Lens	Item number
Black	Smoke	*HB043000*

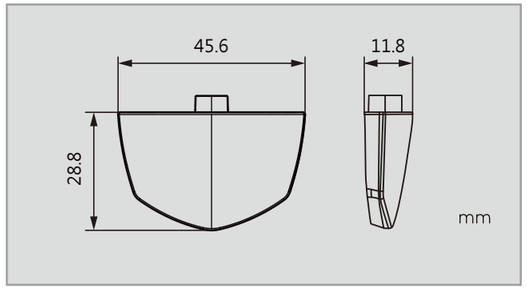
Body Size



Blade II

Body Color	Lens	Item number
Black	Clear	* H D 0 1 4 0 0 0 *

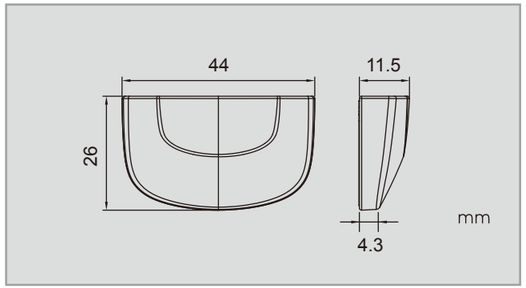
Body Size



Speed II

Body Color	Lens	Item number
Black	Clear	* H D 0 0 9 2 0 0 *

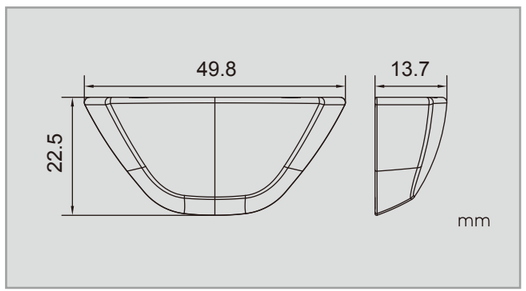
Body Size



Curve

Body Color	Lens	Item number
Black	Clear	* H D 0 1 0 0 0 0 *

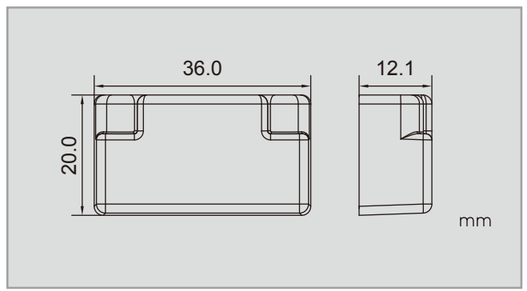
Body Size



GL-01

Body Color	Lens	Item number
Black	Clear	*HD011000*

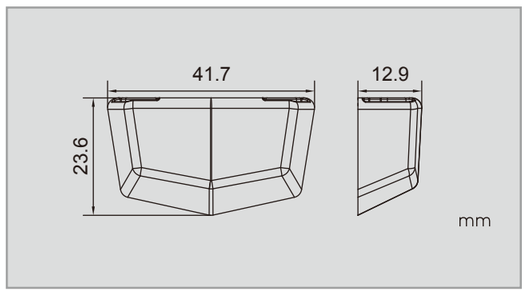
Body Size



GL-02

Body Color	Lens	Item number
Black	Clear	*HD012000*

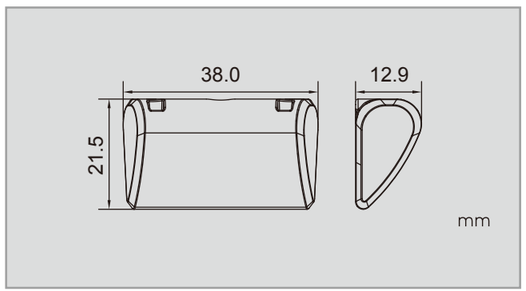
Body Size



GL-03

Body Color	Lens	Item number
Black	Clear	*HD012100*

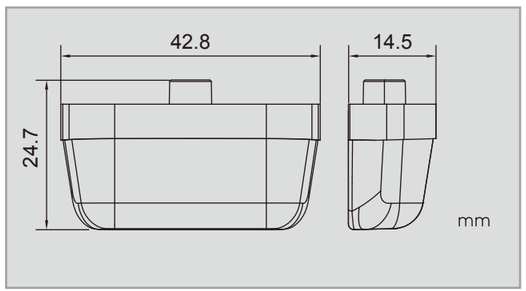
Body Size



GL-04

Body Color	Lens	Item number
Black	Clear	*HD012200*

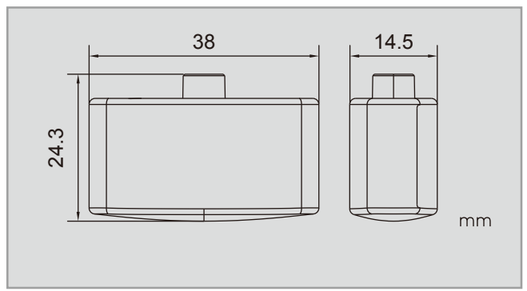
Body Size



GL-05

Body Color	Lens	Item number
Black	Clear	* H D 0 1 5 0 0 0 *

Body Size

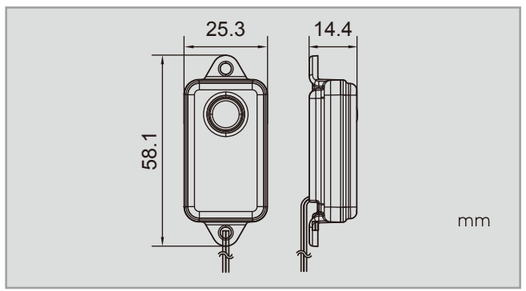


Aura

Body Color	Lens	Item number
Black	Clear	* H D 0 1 3 0 0 0 *

NEW !

Body Size



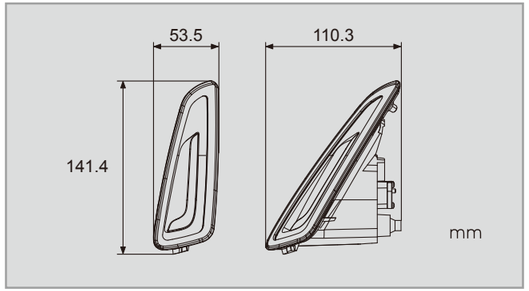
Cabin Light

Body Color	Lens	Item number
Black	Clear	* H J 9 0 1 0 0 1 *

VESPA
INDICATOR LIGHT

E

Body Size

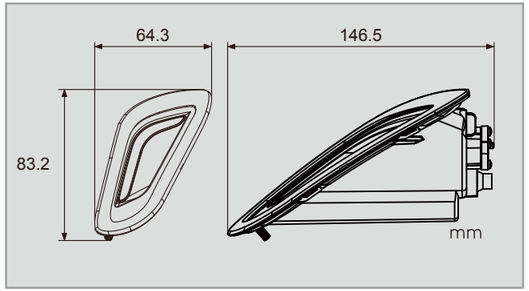


Primavera/Sprint-F

Body Color	Lens	Item number
Black	Clear	*HC915000*
Black	Smoke	*HC915010*

E

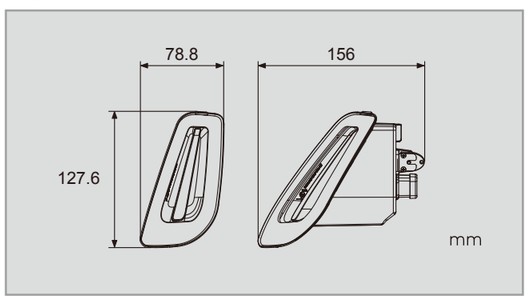
Body Size



Primavera/Sprint-R

Body Color	Lens	Item number
Black	Clear	*HC915100*
Black	Smoke	*HC915110*

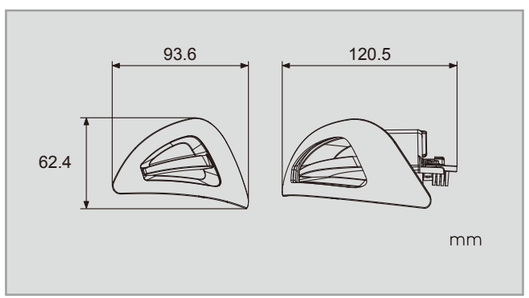
Body Size



LX-F

Body Color	Lens	Item number
Black	Clear	*HC809000*
Black	Smoke	*HC809010*

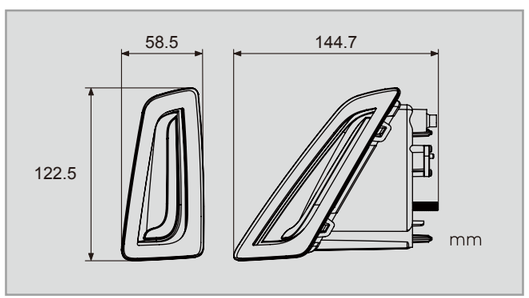
Body Size



LX-R

Body Color	Lens	Item number
Black	Clear	*HC809100*
Black	Smoke	*HC809110*

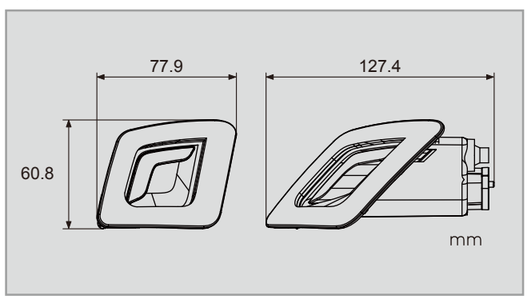
Body Size



GTS 300-F

Body Color	Lens	Item number
Black	Clear	*HC808000*
Black	Smoke	*HC808010*

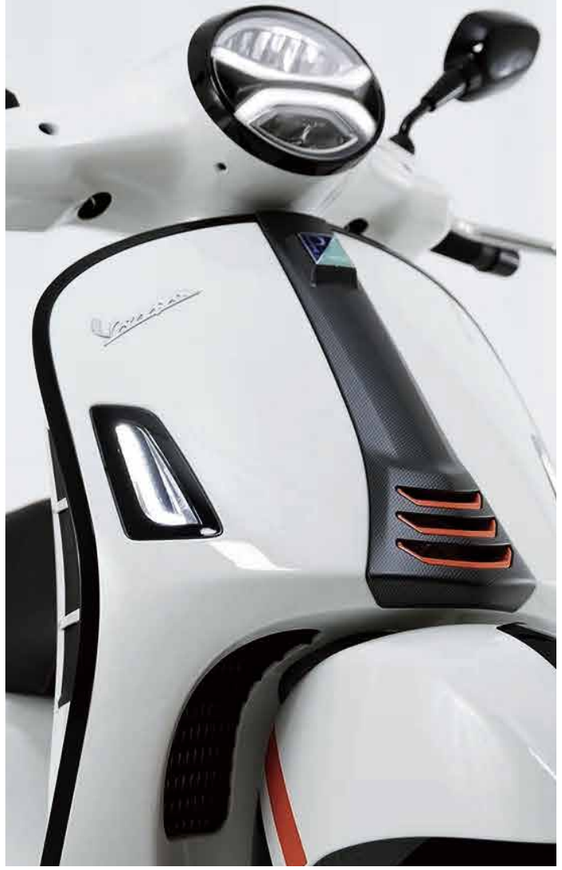
Body Size



GTS 300-R

Body Color	Lens	Item number
Black	Clear	*HC808100*
Black	Smoke	*HC808110*

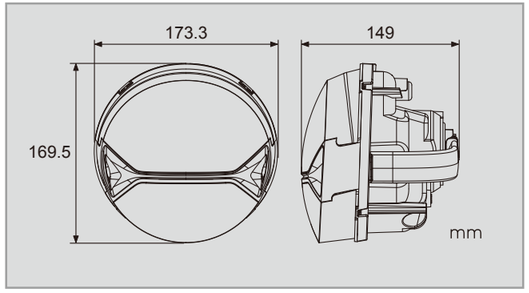
VESPA GTS 300
LIGHTING SERIES



Low Beam

High Beam

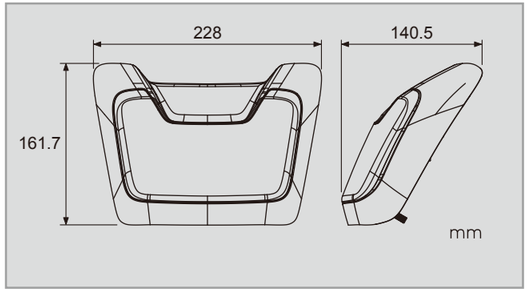
Body Size



GTS-300

Body Color	Lens	Item number
Black	Clear	* G A 8 0 8 0 0 0 *

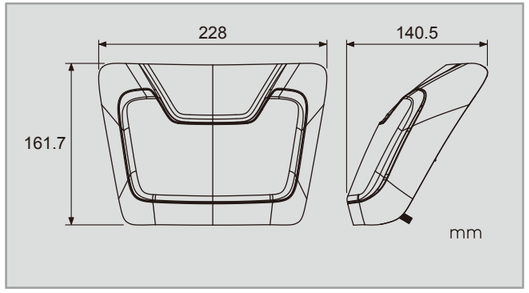
Body Size



GTS-300 (TYPE A)

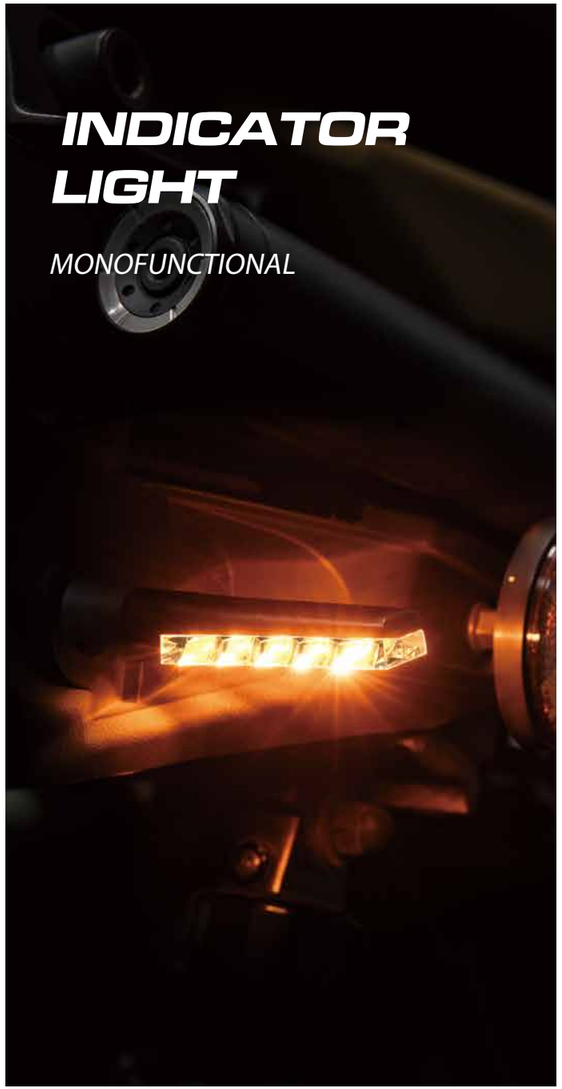
Body Color	Lens	Item number
Black	Clear	* H B 8 0 8 0 0 0 *

Body Size



GTS 300 (TYPE B)

Body Color	Taillight bezel	Item number
Black	Matt black	* H B 8 0 8 1 0 0 *
Black	Glossy black	* H B 8 0 8 1 1 0 *

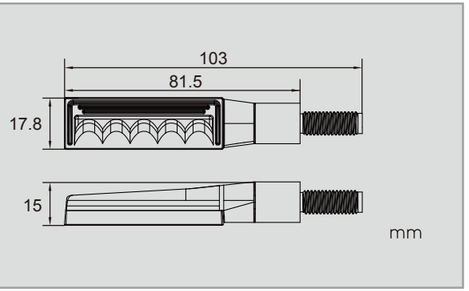


INDICATOR LIGHT

MONOFUNCTIONAL

E

Body Size

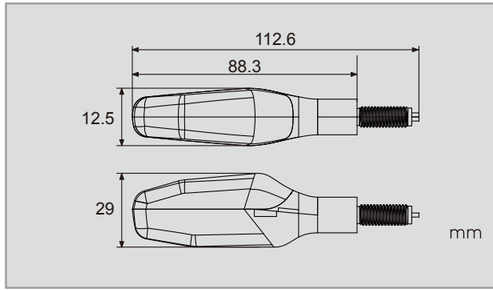


Float-D (Dynamic LED Indicator)

Body Color	Lens	pcs.	Item number
Black	Clear	2	*HE0520000*

E

Body Size

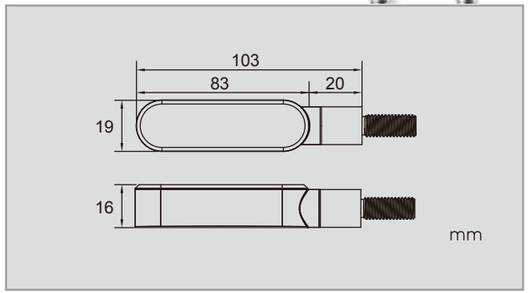


GW04-D (Dynamic LED Indicator)

Body Color	Lens	pcs.	Item number
Black	Clear	1	*HE0510000*
Black	Clear	2	*HE0510001*

E

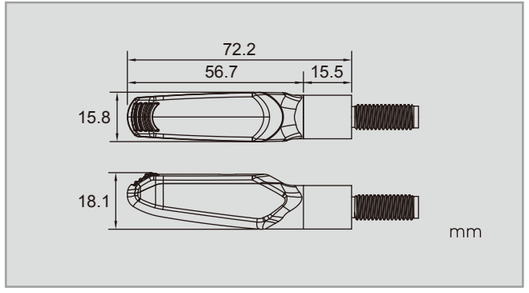
Body Size



Cyclone-D (Dynamic LED Indicator)

Body Color	Lens	pcs.	Item number
Black	Clear	2	*HE0490101*
Black	Smoke	2	*HE0491101*

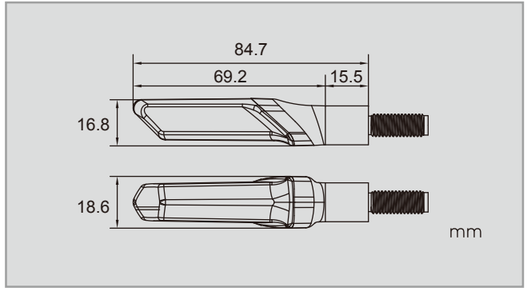
Body Size



GW01-D (Dynamic LED Indicator)

Body Color	Lens	pcs.	Item number
Black	Smoke	2	*HE03801*
Black	Clear	2	*HE03810*

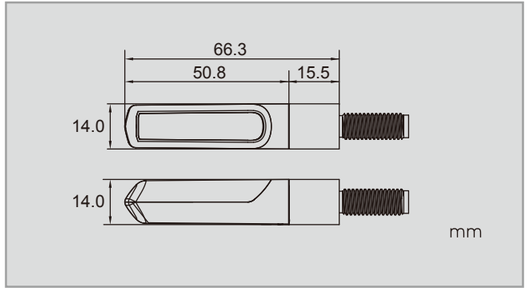
Body Size



GW02-D (Dynamic LED Indicator)

Body Color	Lens	pcs.	Item number
Black	Smoke	2	*HE04400*
Black	Clear	2	*HE04410*

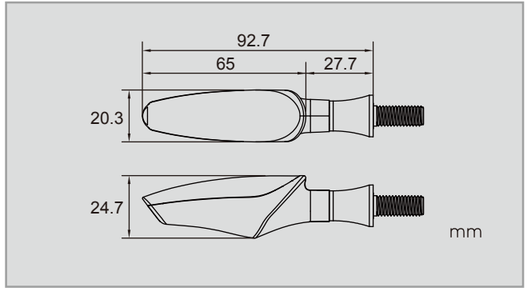
Body Size



Electro-D (Dynamic LED Indicator)

Body Color	Lens	pcs.	Item number
Black	Clear	1	*HE03700*
Black	Smoke	1	*HE03701*
Black	Amber	1	*HE03702*

Body Size



Infinity-D (Dynamic LED Indicator)

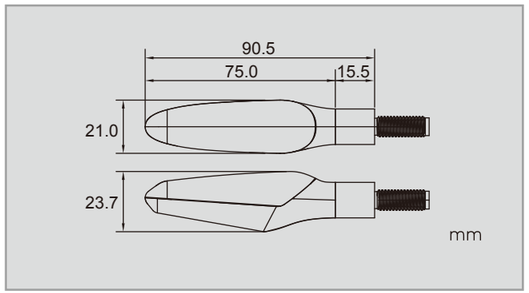
Body Color	Lens	pcs.	Item number
Black	Clear	2	*HE04001*
Black	Smoke	2	*HE04101*

Infinity

Body Color	Lens	pcs.	Item number
Black	Clear	2	*HE03001*
Black	Smoke	2	*HE03011*

E

Body Size

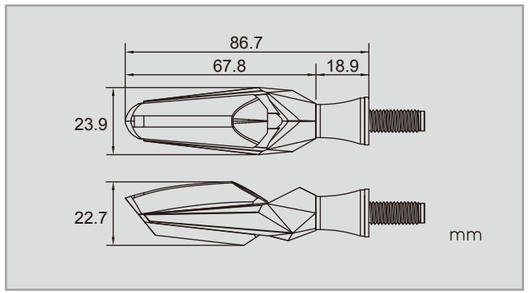


Z4 -D (Dynamic LED Indicator)

Body Color	Lens	pcs.	Item number
Black	Clear	2	*HE0460000*

E

Body Size

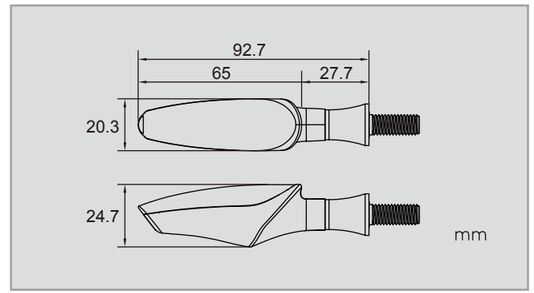


Mars

Body Color	Lens	pcs.	Item number
Black	Clear	2	*HE103K01*
Black	Smoke	2	*HE103K11*
Silver	Clear	2	*HE103S01*

E

Body Size

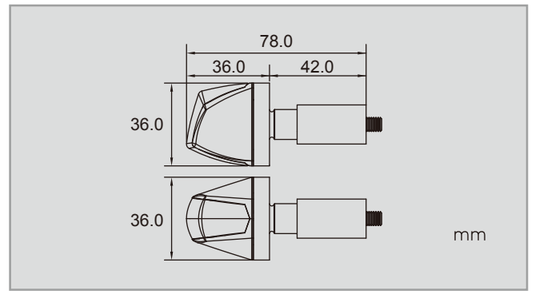


Unlimited

Body Color	Lens	pcs.	Item number
Black	Clear	1	*HE015KI0*

E

Body Size

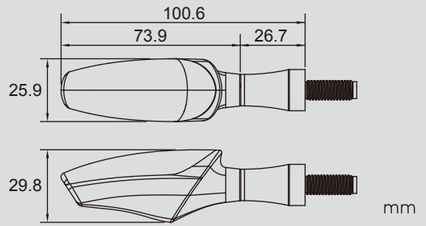


Knight

Body Color	Lens	pcs.	Item number
Black	Clear	1	*HE033000*
Black	Smoke	1	*HE033010*

E

Body Size

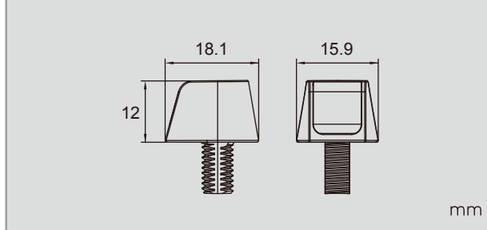


Z3

Body Color	Lens	pcs.	Item number
Black	Smoke	2	*HE039200*
Black	Clear	2	*HE039300*

E

Body Size

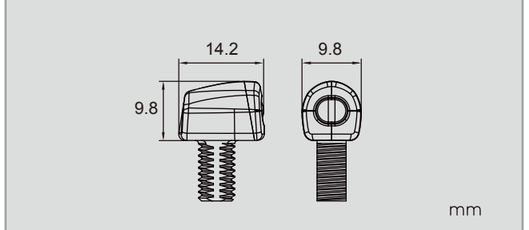


Ion

Body Color	Lens	pcs.	Item number
Black	Clear	2	*HE042001*

E

Body Size

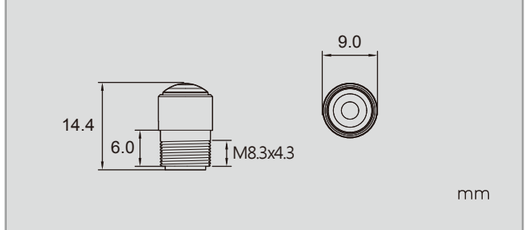


Nano

Body Color	Lens	pcs.	Item number
Black	Clear	2	*HE041001*

E

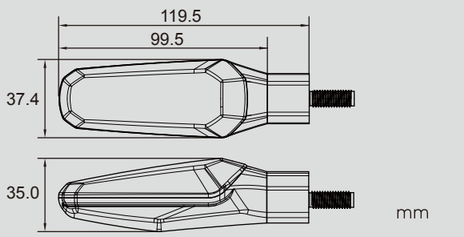
Body Size



Nano 2.0

Body Color	Lens	Item number
Black	Clear	*HE056000*

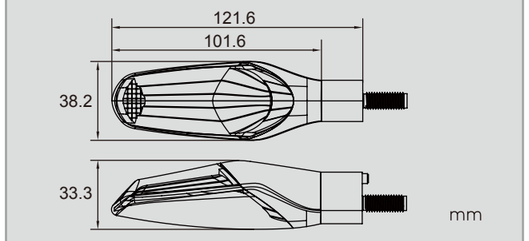
Body Size



Z5

Body Color	Lens	pcs.	Item number
Black	Smoke	2	*HE0530004*
Black	Clear	2	*HE0531004*

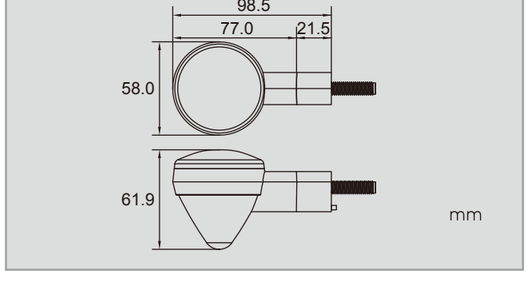
Body Size



NU

Body Color	Lens	pcs.	Item number
Black	Clear	2	*HE0550004*

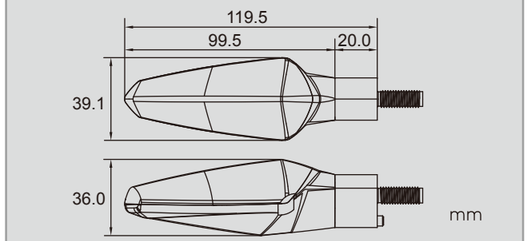
Body Size



Glare

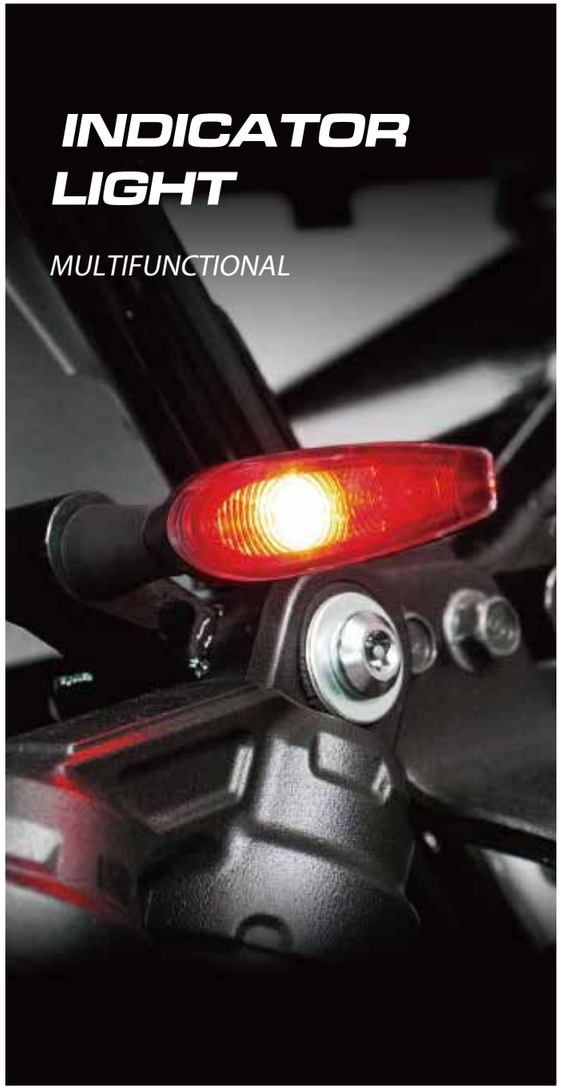
Body Color	Lens	pcs.	Item number
Black	Clear	2	*HE0310014*
Black	Smoke	2	*HE0310114*
Black	Amber	2	*HE0310214*

Body Size



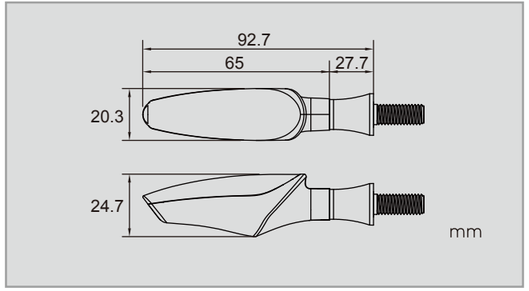
Arrow

Body Color	Features	pcs.	Item number
Black	Clear	2	*HE0320004*
Black	Smoke	2	*HE0320104*
Black	Amber	2	*HE0320204*



E

Body Size



Infinity-R (Winker/night & brake light)

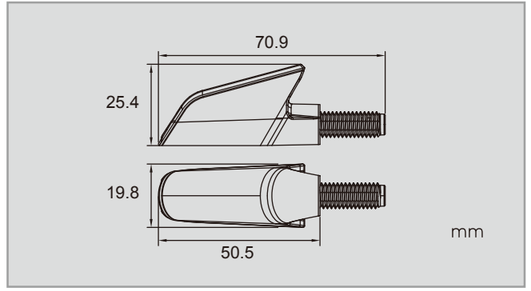
Body Color	Lens	pcs.	Item number
Black	Clear	2	*HB03001*
Black	Smoke	2	*HB03001 1*

Infinity-F (Winker & front position light)

Body Color	Lens	pcs.	Item number
Black	Clear	2	*HB03010*
Black	Smoke	2	*HB03011 1*

E

Body Size

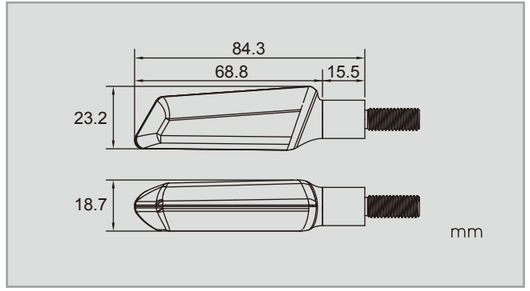


Strike Mini

Body Color	Lens	pcs.	Item number
Sliver	Clear	1	*HE04800*

E

Body Size



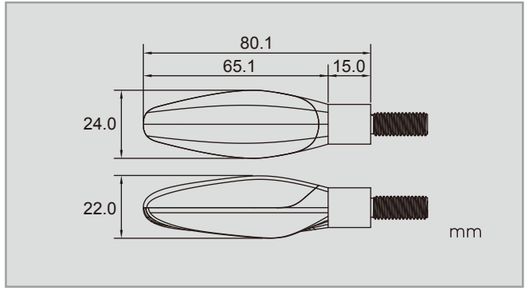
GW03-R (Winker/night & brake light)

Body Color	Lens	pcs.	Item number
Black	Clear	2	*HE04700*

GW03-F (Winker & front position light)

Body Color	Lens	pcs.	Item number
Black	Clear	2	*HE04710*

Body Size



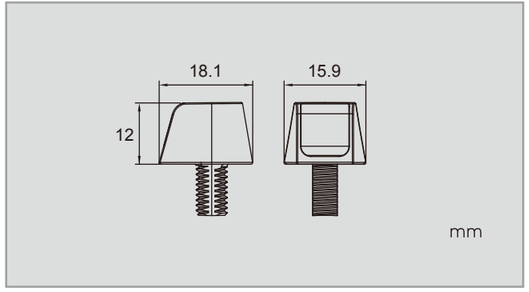
Sonic-R (Winker/night & brake light)

Body Color	Lens	pcs.	Item number
Black	Clear	2	*HE0450001*

Sonic-F (Winker & front position light)

Body Color	Lens	pcs.	Item number
Black	Clear	2	*HE0452001*

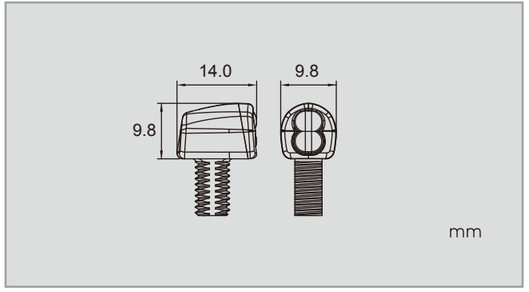
Body Size



Ion-R (Winker/night & brake light)

Body Color	Lens	pcs.	Item number
Black	Clear	2	*HE0421001*

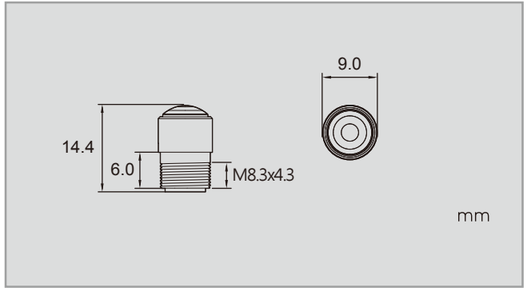
Body Size



Nano-R (Winker/night & brake light)

Body Color	Lens	pcs.	Item number
Black	Clear	2	*HE0411001*

Body Size

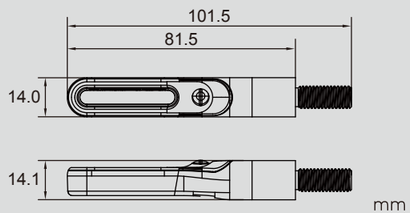


Nano 2.0 (Winker/night & brake light)

Body Color	Lens	Item number
Black	Clear	*HE0561001*

E

Body Size



Zero-R (Winker/night & brake light)

Body Color	Lens	pcs.	Item number
Black	Clear	1	* H E 0 5 8 0 0 0 *

Flasher relay feature

To give the normal flashing fre□uent to those bike adopting the LED light bulbs modification,
Totally plug & play, e□t remely easy to install.
Can be adopted by many different model of bike (please check the from below for the detail) Installing Instruction as below.

i Flash Relay

Type	Item number
no sound version	* K D 0 0 6 0 4 0 *

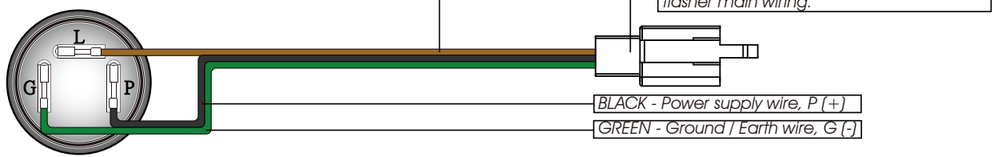
LED Flash Relay

Type	Item number
no sound version	* K D 0 0 6 0 0 0 *

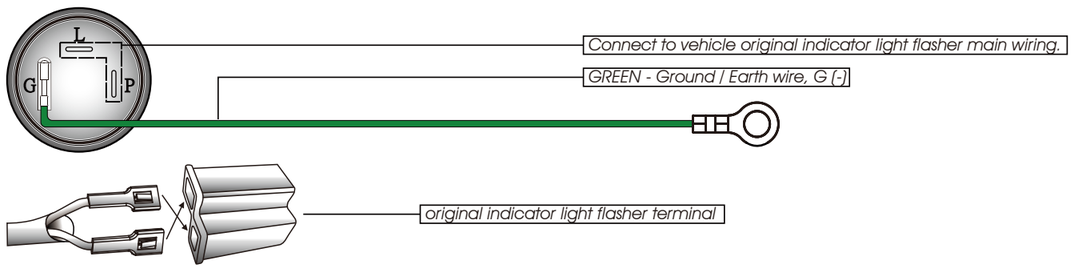
LED Flash Relay

Type	Item number
with blink sound	* K D 0 0 6 0 2 0 *

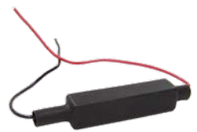
FOR 3-PIN



FOR 2-PIN



During installation, please follow the instructions below:
1. Before installation, locate and disconnect the vehicle original signal light interrupter terminal.
2. After disconnection, reconnect the terminals in opposite position.
3. After exchanging terminals position, connect the original indicator light flasher wiring to the LED flasher's L and P pins.



Resistor for LED Turn Signal

Item number

* K K 0 0 0 1 1 5 *	20w8.5Ω
* K K 0 0 0 1 1 1 *	10w3Ω

Directional light transfer gasket

Item number

* B 0 6 2 3 K 0 2 *

- For Honda MSX

Fog light switch (Handle bar type)

Item number

* K B 0 0 2 0 0 0 *

- For 7/8 & 1 inch

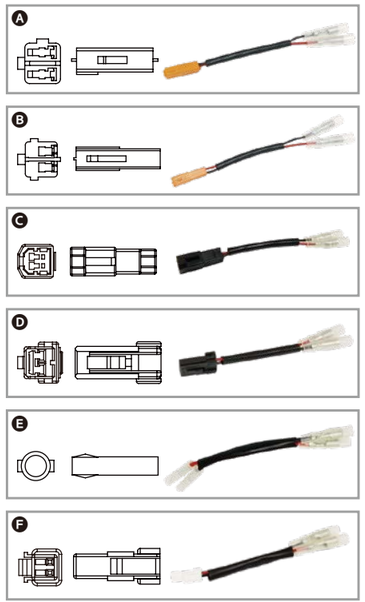
Fog light switch (Stick-on type)

Item number

* K B 0 0 0 0 0 0 *

WINKER ADAPTER WIRE

Type	Item number
A. KAWASAKI	* B 0 0 2 1 0 0 0 *
B. HONDA	* B 0 0 2 1 0 0 2 *
C. DUCATI	* B 0 0 2 1 0 6 0 *
D. HARLEY DAVIDSON	* B 0 0 2 1 0 7 0 *
E. TRIUMPH	* B 0 0 2 1 0 8 0 *
F. MV AUGUSTA	* B 0 0 2 1 0 9 0 *
G. YAMAHA MT-09	* B 0 0 2 1 1 0 0 *
H. YAMAHA MT-07	* B 0 0 2 1 1 1 0 *
I. SUZUKI	* B 0 0 1 9 0 2 0 *
J. BMW	* B 0 0 1 9 0 3 7 *
BMW (x2)	* B 0 0 1 9 0 3 1 *
K. YAMAHA	* B 0 0 1 9 0 5 0 *
YAMAHA (x2)	* B 0 0 1 9 0 5 1 *



LICENSE PLATE LIGHT ADAPTER WIRE

Type	Item number
1. YAMAHA	* B 0 0 1 9 0 4 0 *
1. YAMAHA	* B 0 0 2 1 0 5 0 *