

KOSO

NORTH AMERICA



PDF
VERSION

FULL CATALOG



KOSO 
NORTH AMERICA



Fluid-technic



Programmable temperature tester



Tensility tester



Circuit-board plotter



Board plotter tester



3D Printer



Water spray tester



Programmable salt spray tester

Koso is synonym of quality and performance for more than 30 years! Designing and manufacturing high quality products, Koso is well known in the motorcycle, snowmobile, ATV and scooter industries. In fact, its good reputation for reliability and innovation capability made Koso a source for many major OEM companies. Whether Koso manufactures a product under private label, OEM or aftermarket product, the quality always remain a priority. Bringing new technologies and innovative product is also part of Koso's philosophy as well as always pushing the limit further.

For many years Koso has had the opportunity to work with the best team of engineers, testing equipments and production facilities. For these reasons, Koso remains a leader in analog and digital technology. Koso carries a wide range of quality meters & accessories, heating equipment, LED indicators, mirrors and engine parts for your convenience. Koso is proud to offer you its complete line of products for serious riders!

Feel The Speed

**TITAN-X HEATED GRIPS
FOR HARLEY-DAVIDSON®**

NEW



**HD-05 METER
FOR HARLEY-DAVIDSON®**

**NEW
COMING SOON**



**MX-1 HEATED GRIPS
FOR SNOW/DIRT BIKE**

**NEW
COMING SOON**



TNT-B METER FOR YAMAHA BOLT®

NEW



PROTON METERS

**NEW
COMING SOON**



**SOLAR LED
TAILLIGHT**

**NEW
COMING SOON**



**UNIVERSAL
SINGLE USB
ADAPTOR**

**NEW
COMING SOON**



**NUOVO LED
INDICATOR LIGHTS**

**NEW
COMING SOON**



***NEW* for 2018**

RXF

multifunction meter

If you're in search of the latest and greatest in meter technology, then look no further than the RXF multifunction meter. Using the most up to date TFT technology, this meter will amaze you with its versatile settings and vibrant color display. The RXF meter features a tremendous amount of useful functions such as; speedometer, tachometer, gear indicator, temperature, fuel level, voltage, lean angle and many more. With its fast response rate, wide view angles and sharp details, the RXF multifunction meter is a great modern upgrade for any type of bike.



BA044000

Parts included (kit includes everything needed for installation)

Records



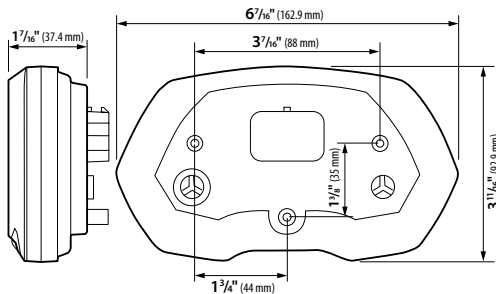
Main multifunction screen



Main menu screen



Dimensions












Packaging



Indicator lights



Specifications

Speedometer	Display range : 0 ~ 225 MPH (0 ~ 360 km/h) Display unit : 1 MPH or km/h (alternative) Display internal : < 0.5 second	Fuel resistance	Setting range : 100 Ω / 250 Ω / 270 Ω / 510 Ω / 1,200 Ω / SW / Learning
Odometer	Display range : 0 ~ 99,999 miles (km) Reset automatically after 99,999 miles (km) Display unit : 1 mile (km)	Low fuel warning	Display range : 0 ~ 3 levels Setting unit : 1 level Symbol will flash when reading value is equal or lower than setting value.
Tripmeter A/B	Display range : 0 ~ 999.9 miles (km) Reset automatically after 999.9 miles (km) Display unit : 0.1 mile (km)	Calendar	Display range (year) : 2000 ~ 2099 Display range (month) : 1 ~ 12 Display range (day) : 1 ~ 31
Speeding warning light	Setting range : 19 ~ 225 MPH (30 ~ 360 km/h) Setting unit : 1 MPH (km/h)	Clock	Setting range : 24 H format
Top speed record	Display range : 0 ~ 225 MPH (0 ~ 360 km/h) Display unit : 1 MPH (km/h)	Digital volt meter	Display range : DC 8 ~ 18 V Display unit : DC 0.1 V
Tire circumference	Setting range : 300 ~ 2,500 mm Setting unit : 1 mm Sensor point : 1 ~ 20	Level volt meter	Display range : 6 levels Display unit : Start from DC 11.5 V (1 level = DC 0.5 V)
Gear meter (Learning)	Display range : N, 1 ~ 9 or No Display	Low voltage warning	Warning range : Warning light will be activated when current voltage is equal or lower than setting value.
Top gear record	Display range : 1 ~ 9	Backlight brightness	Display range : 1/5 (Darker) ~ 5/5 (Brighter) / Auto
Level tachometer	Display range : 0 ~ 10,000 / 12,000 / 15,000 / 18,000 / 20,000 RPM Internal display : < 0.5 second	Lean angle	Display range : 0° ~ 60° for both left and right Display unit : 1°
RPM shift light	Setting range : 1,000 ~ 20,000 RPM Setting unit : 100 RPM	Lean angle warning	Warning range : Warning light will be activated when current angle is equal or lower than setting value.
Max RPM record	Display range : 0 ~ 20,000 RPM Display unit : 1,000 RPM	Acceleration	Display range : 0 ~ 2 G for all front, rear, left and right directions Display unit : 0.1 G
RPM signal (for Fuel Injection)	Setting range : 0.5, 1 ~ 24	Target speed timer	Display range : 20 ~ 225 MPH (30 ~ 360 km/h) Setting range : 5 MPH (km/h)
Total engine running time	Display range : 0 ~ 99,999 H Display unit : 1 H	Target distance timer	Display range : 1/32 ~ 30/32 mile (50 ~ 1,500 m) Setting unit : 1/32 mile (50 m)
Hour meter A/B	Display range : 0 ~ 999.9 H Display unit : 0.1 H	Top speed timer	The record including : • Speed : 0 ~ 225 MPH (0 ~ 360 km/h) • Distance : 0 ~ 3,280 feet (0 ~ 999 m) • RPM : 0 ~ 20,000 RPM • Display range timer : 0 ~ 9'59"99
Thermometer	Display unit : °F or °C (alternative)	Indicator lights	<ul style="list-style-type: none"> •  Neutral •  Oil Temperature •  Check engine •  Turn signals •  High Beam •  Water Temp •  Oil level •  Volt •  RPM Shift Light
Digital thermometer (Water & Oil)	Display range : 32 ~ 482 °F (0 ~ 250 °C) Display unit : • < 100 °F (°C) = 0.1 °F (°C) • ≥ 100 °F (°C) = 1 °F (°C)	Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Level thermometer (Water & Oil)	Display range : 6 levels Display unit : Start from 0 °C (1 level = 20 °C)	Effective voltage	DC 12 V
Temperature warning (Water & Oil)	Setting range : 140 ~ 482 °F (60 ~ 250 °C) Setting unit : 1 °F (°C)	Meter standard	JIS D 0203 S2
Top temperature	Display range : 32 ~ 482 °F (0 ~ 250 °C)	Meter size (L x W x H)	6 ⁷ / ₁₆ x 1 ⁷ / ₁₆ x 3 ¹¹ / ₁₆ " (162.9 x 47.4 x 92.9 mm)
Ambient thermometer	Display range : -4 ~ 140 °F (-20 ~ 60 °C) Display unit : 1 °F (°C)	Meter weight	± 8.47 oz (± 240 g)
Low thermometer warning	Setting range : 30 ~ 41 °F (-1 ~ 5 °C) Setting unit : 1 °F (°C)	Sensor type	Active speed sensor : BF640J06
Fuel level	Display range : 6 levels (1 level = 16.6% fuel)		

RX-1N

GP Style multifunction meter

With its attractive shape and size, the RX-1N meter is a perfect meter for your bike. Whether you have a sports bike, naked bike, street fighter or anything in between, this gauge will surely impress with its easy to read display and multiple functions available including speedometer, tachometer, tripmeter, odometer, shift light, temperature, indicator lights and many more. This meter has every function you need to monitor your bike's performance.



BA011B02

WHITE FACE
BLUE BACKLIGHT

BA011W02

BLACK FACE
WHITE BACKLIGHT

Parts included (kit includes everything needed for installation)

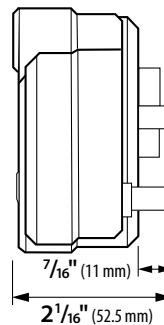
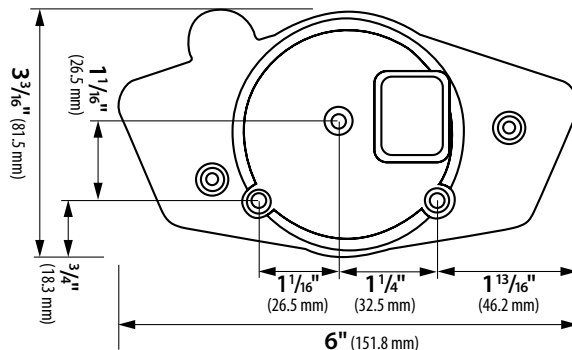


Specifications

Speedometer	Display range : 0 ~ 223 MPH (0 ~ 360 km/h) Display unit : 1 MPH or km/h (alternative) Internal display : < 0.5 second
Odometer	Display range : 0 ~ 99,999.9 miles (km)
Tripmeter A/B	Display range : 0 ~ 999.9 miles (km)
Speeding warning	Setting range : 20 ~ 110 MPH (30 ~ 180 km/h) Setting unit : 5 MPH (5 km/h)
Top speed record	Display range : 0 ~ 223 MPH (0 ~ 360 km/h)
Tire circumference	Setting range : 1,000 ~ 2,500 mm Setting unit : 1 mm Sensor point : 1 ~ 6
Tachometer range	Display range : 0 ~ 15,000 RPM Display unit : 100 RPM Internal display : < 0.5 second
Over RPM shift light	Setting range : 5,000 ~ 15,000 RPM Setting unit : 100 RPM
Maximum RPM record	Display range : 0 ~ 15,000 RPM
Stroke / piston setting	<ul style="list-style-type: none"> • 2 stroke : 1, 2, 3, 4 pistons • 4 stroke : 1, 2, 3, 4, 5, 6, 8, 10, 12 pistons
Digital water temperature	Display range : 32 ~ 248 °F (0 ~ 120 °C) Display unit : 0.1 °F or °C (alternative)
Temperature level meter	Display range : 68 ~ 248 °F (20 ~ 120 °C) Display in 10 levels Display unit : 1 level = 50 °F or 10 °C (alternative)
Digital oil temperature	Display range : 32 ~ 248 °F (0 ~ 120 °C) Display unit : 0.1 °F or °C (alternative) Internal display : < 0.5 second
Over temperature warning (water & oil)	Setting range : 140 ~ 248 °F (60 ~ 120 °C) Setting unit : 1 °F (°C)

Top temperature record	Setting range : 32 ~ 248 °F (0 ~ 120 °C)
Fuel meter	Display in 10 levels (1 level = 10% fuel)
Fuel resistance	Setting range : 100 Ω / 510 Ω
Insufficient fuel warning	Setting range : 10 ~ 50% Setting unit : 10%
Clock	Setting range : 24 H format
Target speed timer	Display range : 20 ~ 220 MPH (30 ~ 360 km/h) Setting unit : 5 MPH (km/h)
Target distance timer	Display range : 1/32 ~ 20/32 mile (50 ~ 1,000 m) Setting unit : 1/32 mile (50 m)
Top speed timer	The record including : <ul style="list-style-type: none"> • Speed : 0 ~ 223 MPH (0 ~ 360 km/h) • Distance : 0 ~ 3,280 feet (0 ~ 999 m) • RPM : 0 ~ 15,000 RPM • Timer : 0 ~ 59'59"99 seconds
Indicator lights	<ul style="list-style-type: none"> • Neutral • RPM Shift Light • <i>speed</i> Speeding • Check engine • High Beam • Oil level • Turn signals
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (L x W x H)	6 x 2 1/16 x 3 3/16" (151.8 x 52.5 x 81.5 mm)
Meter weight	± 7.48 oz (± 212 g)
Sensor type	Passive speed sensor : BF019005 Temperature sensor : BF030125

Dimensions



Packaging

RX-2

GP Style multifunction meter

The RX-2 is probably one of our best seller. Its unique color changeable backlight makes it a very popular instrument. The illuminated needle with LED pointer makes it very easy 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!



BA010001








Parts included (kit includes everything needed for installation)

Seven color changeable backlight

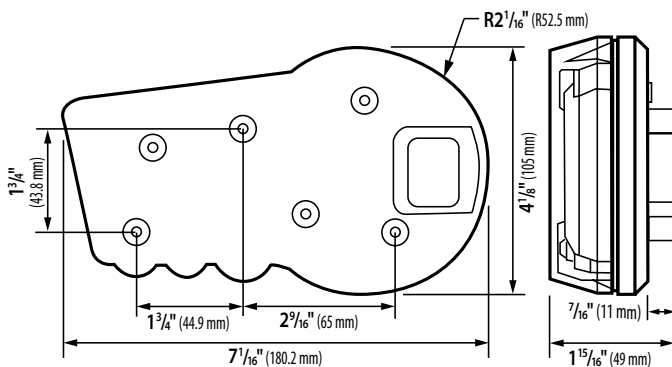


Specifications

Speedometer	Display range : 0 ~ 223 MPH (0 ~ 360 km/h) Display unit : 1 MPH or km/h (alternative) Internal display : < 0.5 second
Odometer	Display range : 0 ~ 99,999.9 miles (km) Reset automatically after 99,999.9 miles (km)
Tripmeter A/B	Display range : 0 ~ 999.9 miles (km) Reset automatically after 999.9 miles (km)
Speeding warning	Setting range : 20 ~ 110 MPH (30 ~ 180 km/h) Setting unit : 5 MPH (km/h)
Top speed record	0 ~ 223 MPH (0 ~ 360 km/h)
Tire circumference	Setting range : 300 ~ 2,500 mm Setting unit : 1 mm Sensor point : 1 ~ 60
Tachometer	Display range : 0 ~ 15,000 RPM Display unit : 100 RPM Internal display : < 0.5 second
Over RPM shift light	Setting range : 5,000 ~ 15,000 RPM Setting unit : 100 RPM
Maximum RPM record	Display range : 0 ~ 15,000 RPM
Stroke / piston setting	2 stroke : 1, 2, 3, 4, pistons 4 stroke : 1, 2, 3, 4, 5, 6, 8, 10, 12 pistons
Digital water temperature (water & oil)	Display range : 32 ~ 248 °F (0 ~ 120 °C) Display unit : 0.1 °F or °C (alternative) Internal display : < 0.5 second
Level thermometer (water)	Display range : 68 ~ 248 °F (20 ~ 120 °C) Display in 10 levels Display unit : 1 level = 50 °F or 10 °C (alternative) Internal display : < 0.5 second
Over temperature warning (water & oil)	Setting range : 140 ~ 248 °F (60 ~ 120 °C) Setting unit : 1 °F (°C)
Top temperature record	Setting range : 32 ~ 248 °F (0 ~ 120 °C)

Fuel meter	Display unit : 10 levels (1 level = 10% fuel)
Fuel resistance	Setting range : 100 Ω / 510 Ω / no display
Insufficient fuel warning	Setting range : 10 ~ 50% Setting unit : 10%
Clock	Setting range : 24 H format
Target speed timer	Display range : 20 ~ 220 MPH (30 ~ 360 km/h) Setting unit : 5 MPH (km/h)
Target distance timer	Setting range : 1/32 ~ 20/32 mile (50 ~ 1,000 m) Setting unit : 1/32 mile (50 m)
Top speed timer	The record including : Speed : 0 ~ 223 MPH (0 ~ 360 km/h) Distance : 0 ~ 3,280 feet (0 ~ 999 m) RPM : 0 ~ 15,000 RPM Timer : 0 ~ 9'59"99 seconds
Indicator lights	<ul style="list-style-type: none"> •  Neutral •  High Beam •  RPM Shift Light •  Oil level •  <i>speed</i> Speeding •  Turn signals •  Check engine
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (L x W x H)	7 1/16 x 1 15/16 x 4 1/8" (180.2 x 49 x 105 mm)
Meter weight	± 10.76 oz (± 305 g)
Sensor Type	Passive speed sensor : BF019005 Temperature sensor : BF030125

Dimensions



Packaging



RX-2N

GP Style multifunction meter

The RX-2N has been developed with the best components and latest technology on the market. The illuminated needle with LED pointer makes it very easy 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 great functions. The 10,000 RPM and 20,000 RPM version give you the opportunity to better choose the right RPM scale for your bike.



BA0152B15

10,000 RPM

BA015B25

20,000 RPM

Parts included (kit includes everything needed for installation)










Record



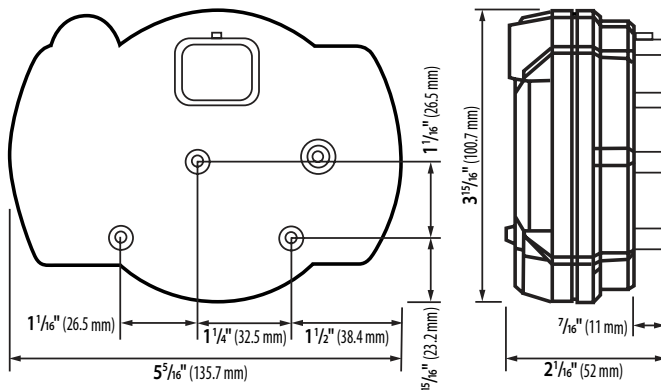
Eight color changeable backlight



Specifications

Speedometerw	Display range : 0 ~ 223 MPH (0 ~ 360 km/h) Display unit : 1 MPH or km/h (alternative) Internal display : < 0.5 second	Over temperature warning (water & oil)	Setting range : 140 ~ 482 °F (60 ~ 250 °C) Setting unit : 1 °F (°C)
Odometer	Display range : 0 ~ 99,999.9 miles (km) Reset automatically after 99,999.9 miles (km)	Top temperature record	Setting range : 32 ~ 482 °F (0 ~ 250 °C)
Tripmeter A/B	Display range : 0 ~ 999.9 miles (km) Reset automatically after 999.9 miles (km)	Fuel meter	Display unit : 10 levels (1 level = 10% fuel)
Speeding warning	Setting range : 20 ~ 223 MPH (30 ~ 360 km/h) Setting unit : 5 MPH (km/h)	Fuel resistance	Setting range : 100 Ω / 500 Ω / fuel switch / no display
Top speed record	Display range : 0 ~ 223 MPH (0 ~ 360 km/h)	Insufficient fuel warning	Setting range : 10 ~ 50% Setting unit : 10%
Tire circumference	Setting range : 300 ~ 2,500 mm Setting unit : 1 mm Sensor point : 1 ~ 60	Clock	Setting range : 24 H format
Tachometer	Display range : 0 ~ 10,000 or 20,000 RPM Display unit : 250 or 500 RPM Internal display : < 0.5 second	Perpetual calendar	Setting range : 2,000 ~ 2,099 A.D.
Shift light	Setting range : 1,000 ~ 10,000 or 20,000 RPM Setting unit : 100 RPM	Target speed timer	Display range : 20 ~ 220 MPH (30 ~ 360 km/h) Setting unit : 5 MPH (km/h)
Pre-shift light	Setting range : -500 ~ -3,000 RPM before the shift light Setting unit : 100 RPM	Target distance timer	1/32 ~ 20/32 mile (50 ~ 1,000 m) Setting unit : 1/32 mile (50 m)
Maximum RPM record	Setting range : 0 ~ 10,000 or 20,000 RPM	Top speed timer	The record including : • Speed : 0 ~ 223 MPH (0 ~ 360 km/h) • Distance : 0 ~ 3,280 feet (0 ~ 999 m) • RPM : 0 ~ 10,000 or 20,000 RPM • Timer : 0 ~ 9'59"99 seconds
RPM input pulse	Setting range : 0.5, 1, 1.5, 2, 2.5, 3, 4, 5, 6	Indicator lights	<ul style="list-style-type: none"> •  Neutral •  High Beam •  /  RPM Shift Light •  Oil level •  Oil Temperature •  Speeding •  Turn signals •  Check engine
Stroke / piston setting	• 2 stroke : 1, 2, 3, 4, pistons • 4 stroke : 1, 2, 3, 4, 5, 6, 8, 10, 12 pistons	Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Digital thermometer (Water & Oil)	Display range : 32 ~ 482 °F (0 ~ 250 °C) Display unit : 0.1 °F or °C (alternative)	Effective voltage	DC 12 V
Temperature level meter (Water & Oil)	Display range : 68 ~ 248 °F (20 ~ 120 °C) Display in 10 levels Display unit : 1 level = 50 °F or 10 °C (alternative) Internal display : < 0.5 second	Meter standard	JIS D 0203 S2
		Meter size (L x W x H)	5 ⁵ / ₁₆ x 2 ¹ / ₁₆ x 3 ¹⁵ / ₁₆ " (135.7 x 52 x 100.7 mm)
		Meter weight	± 8.47 oz (± 240 g)
		Sensor Type	Active speed sensor : BF640J06 Temperature sensor : BF030000

Dimensions



Packaging



RX-2NR

GP Style tachometer

The RX-2NR GP Style tachometer is the perfect race meter ! The 80 mm needle driven by a stepper motor is easy to read at high speed. Its multifunction will give you all the necessary information needed to monitor your engine. Get the RX-2NR GP Style tachometer and enjoy your race even at night with its illuminated background.



BA015000

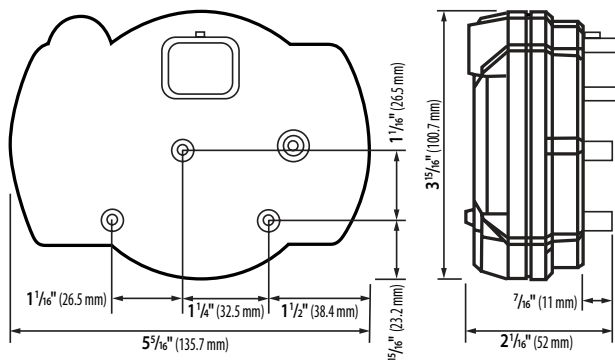
Parts included (kit includes everything needed for installation)

Specifications



Tachometer	Display range : 0 ~ 16,000 RPM Display unit : 100 RPM Internal display : < 0.5 second
Shift light	Setting range : 5,000 ~ 16,000 RPM Setting unit : 100 RPM
Pre-shift light	Setting range : -500 ~ -5,000 RPM Setting unit : 100 RPM
Stroke / piston setting	<ul style="list-style-type: none"> • 2 Stroke : 1, 2, 3, 4 pistons • 4 Stroke : 1, 2, 3, 4, 5, 6, 8, 10, 12 pistons
Thermometer	Display range : 32 ~ 302 °F (0 ~ 150 °C) Display unit : 0.1 °F or °C (alternative) Internal display : < 0.5 second
Temperature alarm	Setting range : 140 ~ 302 °F (60 ~ 150 °C) Setting unit : 1 °F (°C)
Indicator light	Temperature
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Battery type	9V-1604 / 6LR61 / DC 12 V
Meter standard	JIS D 0203 S2
Meter size (L x W x H)	5 ⁵ / ₁₆ x 2 ¹ / ₁₆ x 3 ¹⁵ / ₁₆ " (135.7 x 52 x 100.7 mm)
Meter weight	± 8.47 oz (± 240 g)
Sensor type	Temperature sensor : BF030000 1/8(BSP) x28

Dimensions



Packaging



RX-2NS

RPM data logger

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 use it even under winter condition. The programmable shift light and piston setting make it accessible to about any 2 or 4 stroke engine. All this make it a great tool to help find the right clutching or gear ratio.



METERS

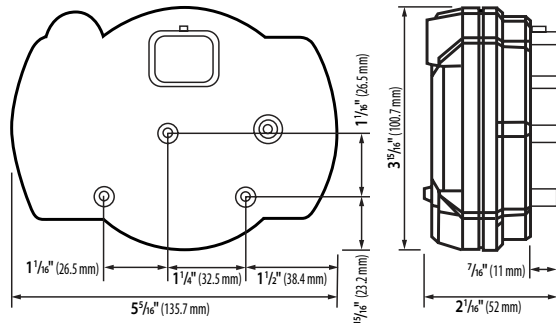
Parts included (kit includes everything needed for installation)



Specifications

Tachometer	Display range : 0 ~ 11,000 RPM Display unit : 100 RPM Display internal : < 0.5 second
Shift light	Setting range : 100 ~ 11,000 RPM Setting unit : 100 RPM
Maximum RPM record	Display range : 0 ~ 11,000 RPM
Records	Number of records : 50 sessions
Recording time	Display range : 99'59"99 seconds Total display range : Approx. 6.30 hours
Play mode speed	<ul style="list-style-type: none"> • 1 x play / pause • 1/3 x play / pause • 3 x play / pause • 1 x rewind / pause
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter Standard	JIS D 0203 S2
Meter size (L x W x H)	5 ⁵ / ₁₆ x 2 ¹ / ₁₆ x 3 ¹⁵ / ₁₆ " (135.7 x 52 x 100.7 mm)
Meter weight	± 8.47 oz (± 240 g)

Dimensions



Packaging



CNC volt meter

This LED volt meter is built in a nice and compact CNC aluminum casing. The green, yellow and red LED will help you to know the strength of your battery at any time. Its LED red warning light could even save you from bad trouble !



METERS

Parts included (kit includes everything needed for installation)

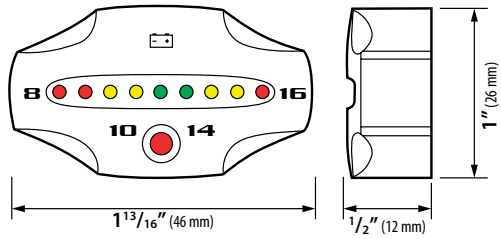
Specifications



Voltage indicator	Display range : DC 8 ~ 16 V Display unit : DC 1 V
Safe voltage	Display range : the LED zone of DC 12 ~ 13 V is showing on green
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (L x W x H)	1 ¹³ / ₁₆ x 1/2 x 1" (46 x 12 x 26 mm)
Meter weight	± 0.85 oz (± 24 g)

Dimensions

Packaging



DB-01R+

multifunction meter

Our DB-01R+ multifunction meter is an upgraded version of our popular DB-01R multifunction meter. Perfect for motorcycles, street fighters or dual-sports motorcycles, this meter features a large LCD display which uses a 3 different color changeable backlight to makes 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.



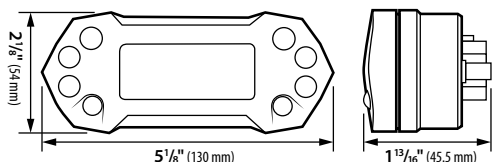
Parts included (kit includes everything needed for installation)



Specifications

Speedometer	Display range : 0 ~ 223 MPH (0 ~ 360 km/h) Display unit : 1 MPH or km/h (alternative) Internal display : < 0.5 second
Odometer	Display range : 0 ~ 99,999.9 miles (km) Reset automatically after 99,999.9 miles (km) Display unit : 0.1 mile (km)
Tripmeter A/B	Display range : 0 ~ 999.9 miles (km) Reset automatically after 999.9 miles (km) Display unit : 0.1 mile (km)
Tire circumference setting	Setting range : 300 ~ 2,500 mm Setting unit : 1 mm Sensor point : 1 ~ 20
Graph bar tachometer	Display range : 10,000 / 12,000 / 15,000 RPM Display unit : 500 RPM Internal display : < 0.5 second
RPM input pulse	Setting range : 0.5, 1, 1.5, 2, 2.5, 3, 4, 5, 6
Stroke / piston setting	• 2 stroke : 1, 2, 3, 4, pistons • 4 stroke : 1, 2, 3, 4, 5, 6, 8, 10, 12 pistons
Fuel meter	Display unit : 6 levels (1 level = 16.6% fuel)
Fuel resistance	Setting range : 100 Ω / 250 Ω / 510 Ω / 1,200 Ω
Insufficient fuel warning	Display range : • 0.1 ~ 16.6% : Fuel reserve symbol will flash • 0 : Fuel reserve symbol will light up
Indicator lights	<ul style="list-style-type: none"> • Neutral • Turn signals • High Beam • Oil level • Check engine • Low fuel
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (L x W x H)	5 1/8 x 1 13/16 x 2 1/8" (120 x 35 x 45.5 mm)
Meter weight	± 3.17 oz (± 90 g)
Sensor type	Passive speed sensor : BF019J06

Dimensions



Packaging



Three color changeable backlight



NEW

DB-01RN

multifunction meter

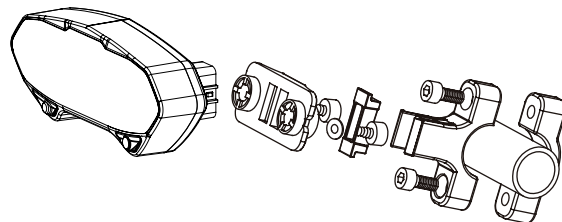
The DB-01RN multifunction meter is a true complete meter. Designed to look great on any type of bike, its large display and easy to use functions make this meter very simple to use while at the same time providing you with a unique stand out look that all riders look for.



METERS

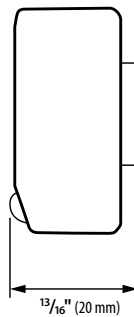
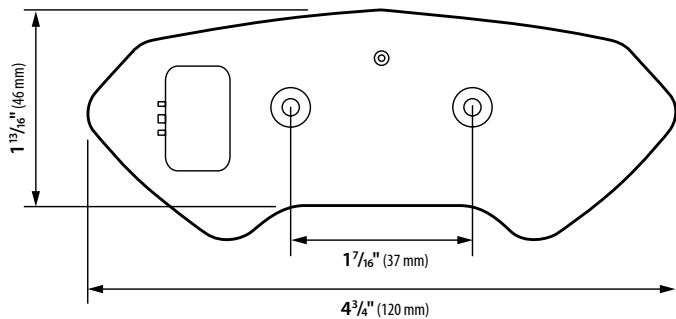
Parts included (kit includes everything needed for installation)

Assembly










Dimensions

Packaging



Specifications

Speedometer	Display range : 0 ~ 223 MPH (0 ~ 360 km/h) Will blink when exceed range. Display unit : 1 MPH or km/h (alternative) Internal display : < 0.5 second	Maximum RPM record	Display range : 0 ~ 15,000 RPM Display unit : 10 RPM
Internal odometer	Display range : 0 ~ 99,999.9 miles (km) Not user adjustable Display unit : 0.1 mile (km)	RPM input signal number	Setting range : P-0.5, P-1 ~ P-25
External odometer	Setting range : 0 ~ 99,999 miles (km) Setting unit : 1 mile (km)	RPM input pulse	Setting range : • HI-ACT (positive wave pulse) • LO-ACT (negative wave pulse)
Tripmeter A/B	Display range : 0 ~ 999.9 miles (km) Reset automatically after 999.9 miles (km) Display unit : 0.1 mile (km)	Total hour meter	Display range : 0 ~ 99,999.9 hours Display unit : 0.1 hour
Oil maintenance mileage	Display unit : 1 mile (km) Display range (imperial units / miles) : Setting range : 300 ~ 5,000 miles, automatic decrease according to the increase of total mileage. Go up to -999 miles when exceeds 0. Display range (metric units / km) : Setting range : 500 ~ 8,000 km, automatic decrease according to the increase of total mileage. Go up to -999 km when exceeds 0.	Hour meter A/B	Display range : 0 ~ 9,999.9 hours Display unit : 0.1 hour
Maximum speed record	Display range : 0 ~ 223 MPH (0 ~ 360 km/h) Display unit : 1 MPH (km/h)	Staged fuel level	Setting range : 10 stage display Warning range : Fuel level warning stage below setting value (including), fuel level symbol will blink.
Average speed record	Display range : 0 ~ 223 MPH (0 ~ 360 km/h)	Digital fuel meter	Setting range : 0 ~ 100%
Tire circumference	Setting range : 300 ~ 2,500 mm Setting unit : 1 mm Sensor point : 1 ~ 20	Low fuel warning	Setting range : 10 ~ 50%, when lower than setting value (including), fuel level symbol will blink.
Tachometer	Display range : 0 ~ 15,000 RPM Display unit : 10 RPM Internal display : < 0.5 second	Fuel resistance	Setting range : 100 Ω / 250 Ω / 270 Ω / 510 Ω / 1200 Ω / SWITCH / USER
Level tachometer	Display range and unit : • 0 ~ 10,000 RPM (1 level = 333 RPM) • 0 ~ 12,000 RPM (1 level = 400 RPM) • 0 ~ 15,000 RPM (1 level = 500 RPM)	Volt meter	Display range : DC 8 ~ 16 V Display unit : 0.1 V
		Clock	Setting range : 12 H or 24 H format alternative
		Indicator lights	<ul style="list-style-type: none"> •  Neutral •  Turn signals •  Water temperature •  Oil level •  High beam light •  Low fuel •  Check engine
		Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
		Effective voltage	DC 12 V
		Meter standard	JIS D 0203 S2
		Meter size (L x W x H)	4 ³ / ₄ x 1 ³ / ₁₆ x 1 ¹³ / ₁₆ " (120 x 20 x 46 mm)
		Meter weight	± 8.47 oz (± 240 g)

DB-02

multifunction meter (Off-road version)

This DB-02 multifunction meter was especially made to fit your off-road needs. Its small inner battery makes it usable on all dirt bikes and ATV's that don't have a DC 12 V battery. Its great shape and nice LCD display make it the perfect meter to get for your off-road use. The changeable RPM scale allows this meter to fit on about any engine applications. This instrument also features a 3 stage shift light that allows you to shift your gears perfectly. Beside those great functions, the DB-02 multifunction meter features : speed, odometer, tripmeter, RPM, inner battery level, temperature, hour meter, and more.



BA022W00

Parts included (kit includes everything needed for installation)

Max records

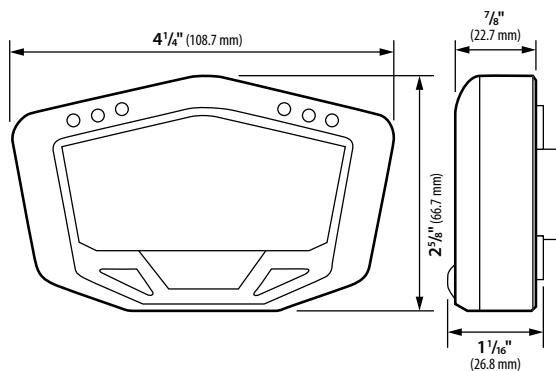


Specifications

Speedometer	Display range : 0 ~ 223 MPH (0 ~ 360 km/h) Display unit : 1 MPH or km/h (alternative) Internal display : < 0.5 second
Odometer	Display range : 0 ~ 99,999 miles (km) Reset automatically after 99,999 miles (km) Display unit : 1 mile (km)
Tripmeter A/B	Display range : 0 ~ 999.9 miles (km) Reset automatically after 999.9 miles (km) Display unit : 0.1 mile (km)
Speeding warning light	Setting range : 19 ~ 223 MPH (30 ~ 360 km/h) Setting unit : 1 MPH (km/h)
Top speed record	Display range : 0 ~ 223 MPH (0 ~ 360 km/h)
Tire circumference	Setting range : 300 ~ 2,500 mm Setting unit : 1 mm Sensor point : 1 ~ 6
Digital tachometer	Display range : 0 ~ 20,000 RPM Display unit : 10 RPM
Level tachometer	Display range and unit (60 levels) : • 0 ~ 10,000 RPM (1 level = 166 RPM) • 0 ~ 15,000 RPM (1 level = 250 RPM) • 0 ~ 20,000 RPM (1 level = 333 RPM)
RPM shift light	Display range : 5,000 ~ 20,000 RPM Display unit : 100 RPM
Pre-shift light A/B	Display range : -500 ~ -5,000 RPM 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 (6S)
Thermometer A/B	Display range : 32 ~ 482 °F (0 ~ 250 °C) Display unit : 0.1 °F or °C (alternative) Internal display : < 0.5 second
Temperature alarm A/B	Setting range : 140 ~ 482 °F (60 ~ 250 °C) Setting unit : 1 °F (°C)
Top temperature record	Display range : 32 ~ 482 °F (0 ~ 250 °C)
Volt meter	Display range : DC 0 ~ 18 V Display unit : DC 0.1 V
Clock	Setting range : 24 H format
Indicator lights	<ul style="list-style-type: none"> • ● Speeding • ● Temperature alarm A/B • ● RPM shift light A • ● RPM shift light B • ● RPM shift light
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage (backlight)	DC 12 V
Battery type (LCD display)	CR 2032
Battery life time	± 220 hours nonstop
Meter standard	JIS D 0203 S2
Meter size (L x W x H)	4 1/4 x 1 1/16 x 2 3/8" (108.7 x 26.8 x 66.7 mm)
Meter weight	± 7.05 oz (± 200 g)
Sensor type	Passive speed sensor : BF019J06 Temperature sensor : BF030000

Dimensions



**Optional
plug-in indicator kit
(not included)**



Packaging



DB-02R

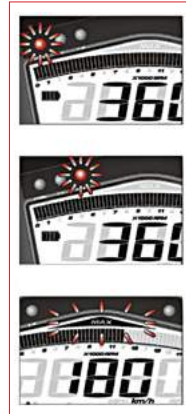
multifunction meter (Street/race version)

The DB-02R multifunction meter was especially made to fit your street or race bike needs. Its white backlight makes it very easy to read at night even at high speed. Its great shape and nice LCD display make it the perfect meter to get for your street or race bike. The changeable RPM scale allows this meter to fit about any engine applications. This instrument also features a 3 stage shift light that allows you to shift your gears perfectly. Beside those great functions, the DB-02 multifunction meter features : speed, odometer, tripmeter, RPM, inner battery level, temperature, hour meter, and more.



Parts included (kit includes everything needed for installation)

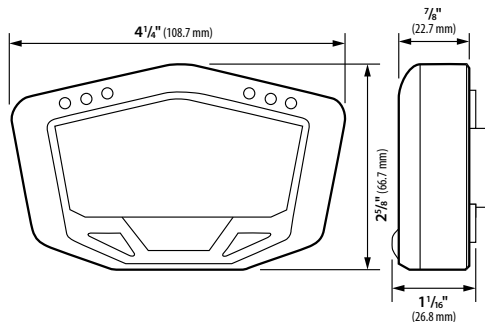
Max records



Specifications

Speedometer	Display range : 0 ~ 225 MPH (0 ~ 360 km/h) Display unit : 1 MPH or km/h (alternative) Internal display : < 0.5 second	Temperature alarm A/B	Setting range : 140 ~ 482 °F (60 ~ 250 °C) Setting unit : 1 °F (°C)
Odometer	Display range : 0 ~ 99,999 miles (km) Reset automatically after 99,999 miles (km) Display unit : 1 mile (km)	Top temperature record	Display range : 32 ~ 482 °F (0 ~ 250 °C)
Tripmeter A/B	Display range : 0 ~ 999.9 miles (km) Reset automatically after 999.9 miles (km) Display unit : 0.1 mile (km)	Fuel Meter	Display range : 0 ~ 100%
Speeding warning light	Setting range : 19 ~ 225 MPH (30 ~ 360 km/h) Setting unit : 1 MPH (km/h)	Fuel resistance	Setting range : 100 Ω / 510 Ω / no display
Top speed record	Display range : 0 ~ 225 MPH (0 ~ 360 km/h)	Insufficient fuel warning	Setting range : 10 ~ 50% Setting unit : 10%
Tire circumference	Setting range : 300 ~ 2,500 mm Setting unit : 1 mm Sensor point : 1 ~ 6	Volt meter	Display range : DC 0 ~ 18 V Display unit : DC 0.1 V
Digital tachometer	Display range : 20,000 RPM Display unit : 10 RPM	Clock	Setting range : 24 H format
Graph bar tachometer	Display range and unit (60 segment graph bar) : • 10,000 RPM (1 segment = 166 RPM) • 15,000 RPM (1 segment = 250 RPM) • 20,000 RPM (1 segment = 333 RPM)	Target speed timer	Setting range : 1/32 ~ 30/32 mile (50 ~ 1,500 m) Setting unit : 1/32 mile (50 m)
RPM shift light	Display range : 5,000 ~ 20,000 RPM Display unit : 100 RPM	Target distance timer	Setting range : 1/32 ~ 30/32 mile (50 ~ 1,500 m) Setting unit : 1/32 mile (50 m)
Pre-shift light A/B	Display range : -500 ~ -5,000 RPM before the shift light Display unit : 100 RPM	Top speed timer	The record including : • Speed : 0 ~ 225 MPH (0 ~ 360 km/h) • Distance : 0 ~ 3,280 feet (0 ~ 999 m) • RPM : 0 ~ 20,000 RPM • Timer : 0 ~ 9'59"99 seconds
Maximum RPM record	Display range : 0 ~ 20,000 RPM	Indicator lights	<ul style="list-style-type: none"> • ● Speeding • ● Temp. alarm A/B • ● RPM shift light A • ● RPM shift light B • ● RPM shift light
RPM input pulse	Display range : 0.5, 1, 1.5, 2, 2.5, 3, 4, 5, 6	Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Hour meter	Display range : 0 ~ 999.9 H Display unit : 0.1 H (6S)	Effective voltage	DC 12 V
Thermometer A/B	Display range : 32 ~ 482 °F (0 ~ 250 °C) Display unit : 0.1 °F or °C (alternative) Internal display : < 0.5 second	Battery type (LCD display)	CR 2032
		Battery life time	± 220 hours nonstop
		Meter standard	JIS D 0203 S2 (S2)
		Meter size (L x W x H)	4 1/4 x 1 1/16 x 2 5/8" (108.7 x 26.8 x 66.7 mm)
		Meter weight	± 7.05 oz (± 200 g)
		Sensor type	Passive speed sensor : BF019J06 Temperature sensor : BF030000

Dimensions



Optional plug-in indicator kit (not included)



Packaging



DB-03R

multifunction meter

The DB-03R multifunction meter is the perfect fit for any street bikes. Its changeable blue, orange or purple backlight makes it very easy to read at night even at high speed. The integrated indicator lights provide all the necessary information for any street use. The changeable RPM scale allows this meter to fit about 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 multifunction meter features : speed, odometer, tripmeter, RPM, temperature, volt, fuel level, and a lot more !



BA038000

Parts included (kit includes everything needed for installation)

Three color changeable backlight

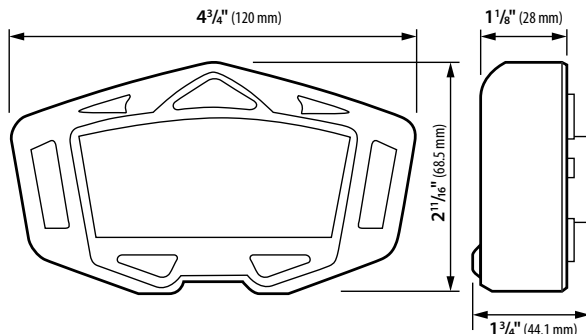


Specifications

Speedometer	Display range : 0 ~ 225 MPH (0 ~ 360 km/h) Display unit : MPH or km/h Internal display : < 0.5 second
Odometer	Display range : 0 ~ 99,999 miles (km) Reset automatically after 99,999 miles (km) Display unit : 1 mile (km)
Tripmeter A/B	Display range : 0 ~ 999.9 miles (km) Reset automatically after 999.9 miles (km) Display unit : 0.1 mile (km)
Total hour meter	Display range : 0 ~ 99,999 H Display unit : 1 H
Hour meter A/B	Display range : 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 and unit : <ul style="list-style-type: none"> • 10,000 RPM (1 level = 166 RPM) • 12,000 RPM (1 level = 200 RPM) • 15,000 RPM (1 level = 250 RPM) Internal display : < 0.5 second
RPM warning / shift-light	Setting range : 1,000 ~ 15,000 RPM Setting unit : 100 RPM
Warning	<ul style="list-style-type: none"> • Light on (F-OFF) • Flash (F-ON)
Maximum RPM record	Display range : 0 ~ 10,000 / 12,000 / 15,000 RPM
RPM input signal number setting	Setting range : 0.5, 1 ~ 24
RPM input pulse	Setting range : <ul style="list-style-type: none"> • HI-ACT (the positive wave pulse) • LO-ACT (the negative wave pulse)
Volt meter	Display range : DC 8 ~ 18 V Flashing warning when voltage is lower than DC 11.5 V or higher than DC 15.5 V

Thermometer	Display range : 32 ~ 482 °F (0 ~ 250 °C) Display unit : 0.1 °F or °C (alternative) Internal display : < 0.5 second
Over temperature warning	Setting range : 140 ~ 482 °F (60 ~ 250 °C) Setting unit : 1 °F (°C)
Top temperature record	Display range 0 ~ 482 °F (250 °C)
Fuel meter	Display range : 6 levels Display unit : 1 level = 16.6 %
Fuel resistance	Setting range : 100 Ω / 250 Ω / 510 Ω / 1,200 Ω / SW
Clock	Setting range : 24 H format
Backlight brightness	Setting range : 1/5 (darkest) ~ 5/5 (brightest)
Backlight colors	Blue / Orange / Light purple
Indicator lights	<ul style="list-style-type: none"> • Neutral • High beam • Turn signals • Check engine • Oil level • Temperature • Speeding • RPM shift light
Gear indicator	Display range : N, 1, 2, 3, 4, 5, 6, 7, 8, 9
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (L x W x H)	4 3/4 x 1 3/4 x 2 11/16" (120 x 44.1 x 68.5 mm)
Meter weight	± 4.49 oz (± 127.3 g)
Sensor type	Passive speed sensor : BF019J06 Temperature sensor : BF030000

Dimensions



Packaging



XR-01

speedometer (Off-road version)

Thinner and lighter than its previous version, the XR-S speedometer, our innovative XR-01 speedometer 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 tripmeter readings, and a useful clock. This meter is simple, user-friendly, and easy to read during day or night riding. The XR-01 speedometer is a great fit for any kind of motorcycle, scooter, ATV and more !



BB026000

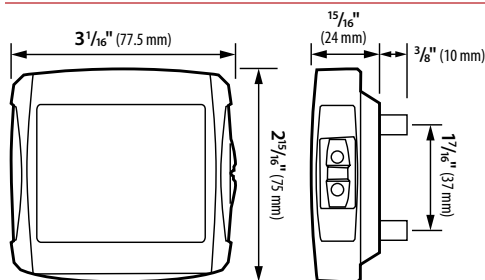
Parts included (kit includes everything needed for installation)



Specifications

Speedometer	Display range : 0 ~ 225 MPH (0 ~ 360 km/h) Display unit : MPH or km/h alternative Internal display : < 0.5 second
Odometer	Display range : 0 ~ 99,999 miles (km) Reset automatically after 99,999 miles (km) Display unit : 1 mile (km)
Tripmeter A/B	Display range : 0 ~ 9,999.9 miles (km) Reset automatically after 9,999.9 miles (km) Display unit : 0.1 mile (km)
Oil maintenance mileage	Setting range : 300 ~ 5,000 miles (km) Setting unit : 100 miles (km)
Hour meter	Display range : 0 ~ 99,999 H Reset automatically after 99,999 H Display unit : 1 H
Hour meter A/B	Display range : 0 ~ 9,999.9 H Reset automatically after 9,999.9 H Display unit : 0.1 H
Maximum speed record	Display range : 0 ~ 225 MPH (0 ~ 360 km/h)
Average speed record	Display range : 0 ~ 225 MPH (0 ~ 360 km/h)
Volt meter	DC 8 ~ 18 V Flashing warning when voltage is lower than DC 11.5 V or higher than DC 15.5 V
Backlight brightness	Setting range : 1/5 (darkest) ~ 5/5 (brightest)
Clock	Setting range : 24 H format
Tire circumference	Setting range : 300 ~ 2,500 mm Setting unit : 1 mm • Sensitive point : 1 ~ 6
Fuel level	Display range : 6 levels
Fuel resistance	Setting range : 100 Ω / 250 Ω / 510 Ω / USER
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (L x W x H)	3 1/16 x 1 5/16 x 2 15/16" (77.5 x 75 x 34 mm)
Meter weight	± 3.07 oz (± 87 g)
Sensor type	Passive speed sensor : BF019J06

Dimensions



Packaging



XR-01S

speedometer (Street version)

Thinner and lighter than its previous version, the XR-SA speedometer, our innovative XR-01S speedometer most importantly features a larger, higher quality and easy to read LCD display. The indicator light functions are still there. New interesting functions were also added and they include a 2 hour meter readings, a maintenance hour meter for oil change, 2 tripmeter readings, and a useful clock. The XR-01S speedometer 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 of motorcycle, scooter or other bike.



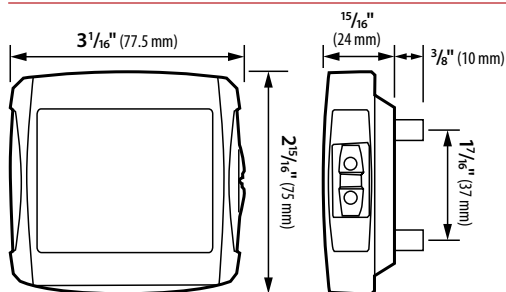
Parts included (kit includes everything needed for installation)



Specifications

Speedometer	Display range : 0 ~ 225 MPH (0 ~ 360 km/h) Display unit : MPH or km/h alternative Internal display : < 0.5 second
Odometer	Display range : 0 ~ 99,999 miles (km) Reset automatically after 99,999 miles (km) Display unit : 1 mile (km)
Tripmeter A/B	Display range : 0 ~ 9,999.9 miles (km) Reset automatically after 9,999.9 miles (km) Display unit : 0.1 mile (km)
Oil maintenance mileage	Setting range : 300 ~ 5,000 miles (km) Setting unit : 100 miles (km)
Hour meter	Display range : 0 ~ 99,999 H Reset automatically after 99,999 H Display unit : 1 H
Hour meter A/B	Display range : 0 ~ 9,999.9 H Reset automatically after 9,999.9 H Display unit : 0.1 H
Maximum speed record	Display range : 0 ~ 225 MPH (0 ~ 360 km/h)
Average speed record	Display range : 0 ~ 225 MPH (0 ~ 360 km/h)
Volt meter	DC 8 ~ 18 V Flashing warning when voltage is lower than DC 11.5 V or higher than DC 15.5 V
Backlight brightness	Setting range : 1/5 (darkest) ~ 5/5 (brightest)
Clock	Setting range : 24 H format
Tire circumference	Setting range : 300 ~ 2,500 mm Setting unit : 1 mm • Sensitive point : 1 ~ 6
Fuel level	Display range : 6 levels
Fuel resistance	Setting range : 100 Ω / 250 Ω / 510 Ω / USER
Indicator lights	<ul style="list-style-type: none"> • Turn signals • High beam • Neutral • Check engine • Warning
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (L x W x H)	3 1/16 x 1 5/16 x 2 15/16" (77.5 x 75 x 34 mm)
Meter weight	± 3.07 oz (± 87 g)
Sensor type	Passive speed sensor : BF019J06

Dimensions



Packaging



XR-SR

multifunction meter

The XR-SR multifunction meter 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 !

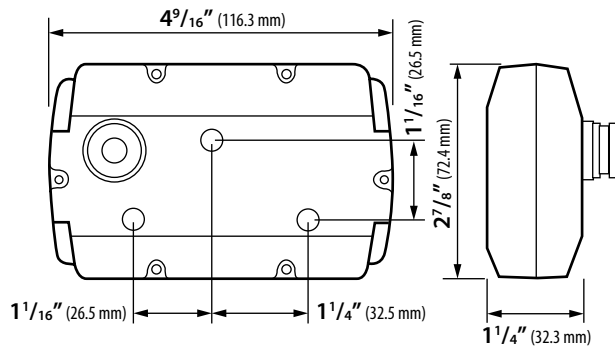


BB017B00

Parts included (kit includes everything needed for installation)










Dimensions



Packaging



Specifications

Speedometer	Display range : 0 ~ 225 MPH (0 ~ 360 km/h) Display unit : MPH or km/h Internal display : < 0.5 second
Odometer	Display range : 0 ~ 99,999 miles (km)
Tripmeter A/B	Display range : 0 ~ 999.9 miles (km)
Top speed record	Display range : 0 ~ 225 MPH (0 ~ 360 km/h)
Tire circumference	Setting range : 1,000 ~ 2,500 mm Setting unit : 1 mm • Sensor point : 1 ~ 6
Tachometer	Display range : 0 ~ 18,000 RPM Display unit : 100 RPM Internal display : < 0.5 second
Maximum RPM record	Display range : 0 ~ 18,000 RPM
Stroke / piston setting	• 2 stroke : 1, 2, 3, 4, pistons • 4 stroke : 1, 2, 3, 4, 5, 6, 8, 10, 12 pistons
Digital water temp.	Display range : 32 ~ 248 °F (0 ~ 120 °C) Display unit : 0.1 °F (°C)
Temp. level meter	Display range : 68 ~ 248 °F (20 ~ 120 °C) Display in 10 level Display unit : 1 level = 50 °F or 10 °C (alternative) Internal display : < 0.5 second
Top temperature record	Display range : 32 ~ 248 °F (0 ~ 120 °C)
Fuel meter	Display in 10 levels (1 level = 10% fuel)
Fuel resistance	Setting range : 100 Ω / 510 Ω
Top speed timer	The record includes : • Speed : 0 ~ 225 MPH (0 ~ 360 km/h) • Distance : 0 ~ 3,280 feet (0 ~ 999 m) • Timer : 0 ~ 9'59"99 seconds
Indicator lights	<ul style="list-style-type: none"> •  Neutral •  Turn signals •  High beam •  Low Beam •  Hazard •  Oil level •  Water temperature
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Meter size (L x W x H)	4 ⁹ / ₁₆ x 1 ¹ / ₄ x 2 ⁷ / ₈ " (116.3 x 32.3 x 72.4 mm)
Meter weight	± 10.09 oz (± 286 g)
Sensor type	Passive speed sensor : BF019005 Temperature sensor : BF030125

EX-02S

speedometer (Street version)

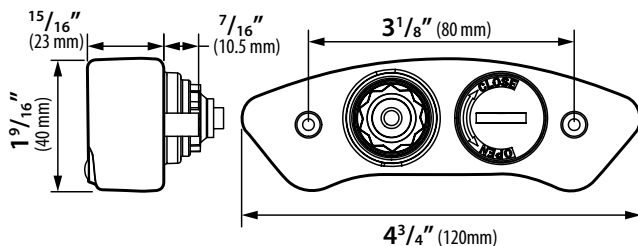
With its modern look, this EX-02S speedometer is the perfect meter for all dual applications. Its illuminated backlight makes this meter very easy to read even when you ride at night. Featuring speed, odometer, tripmeter, hour meter, voltage, clock and stopwatch as well as 6 indicator lights, this meter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



Parts included (kit includes everything needed for installation)



Dimensions



Packaging



**Optional thumb switch
(not included)**



Specifications

Speedometer	Display range : 0 ~ 225 MPH (0 ~ 360 km/h) Display unit : MPH or km/h Internal display : < 0.5 second
Odometer	Display range : 0 ~ 99,999 miles (km) Reset automatically after 99,999 miles (km) Display unit : 1 mile (km)
Tripmeter A/B	Display range : 0 ~ 9,999.9 miles (km) Reset automatically after 9,999.9 miles (km) Display unit : 0.1 mile (km)
Hour meter	Display range : 0 ~ 99,999.9 hours Reset automatically after 99,999.9 hours Display unit : 0.1 hour
Hour meter A/B	Display range : 9,999.9 hours Reset automatically after 9,999.9 hours Display unit : 0.1 hour
Clock	Setting range : 12 H or 24 H format
Volt meter	Display range : DC 8 ~ 18 V Display unit : DC 0.1 V
Stopwatch	Display range : 0 ~ 9'59"99 Display unit : 0.01 second
Oil maintenance mileage	Setting range : 300 ~ 5,000 miles (km) Reset automatically after 5,000 miles (km) Setting unit : 1 mile (km)
Maximum record function	Average speed : 0 ~ 225 MPH (0 ~ 360 km/h) Max speed : 0 ~ 225 MPH (0 ~ 360 km/h) Max voltage : DC 8 ~ 18 V
Inner battery level	Display range : 4 levels
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Power	LCD : Internal CR 2032 battery Backlight : DC 12 V
Indicator lights	<ul style="list-style-type: none"> • High beam • Turn signals • Check engine • Neutral • Warning
Meter standard	JIS D 0203 S2
Meter size (L x W x H)	4 3/4 x 1 5/16 x 1 9/16" (120 x 23 x 40 mm)
Meter weight	± 4.48 oz (± 127 g)

EX-02

speedometer (Universal version)

With its compact shape and waterproof connectors, the EX-02 speedometer is the perfect meter for all off road applications. The illuminated backlight makes the instrument very easy to read even in the darkest conditions. The EX-02 speedometer is equipped with all the basic functions such as speed, odometer, tripmeter as well as hour meter, voltage, clock and stopwatch.



BA048000

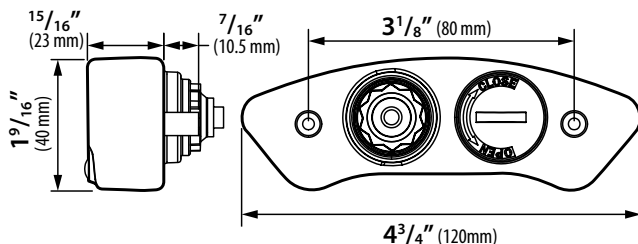
METERS

Parts included (kit includes everything needed for installation)

Specifications



Dimensions



Packaging



**Optional thumb switch
(not included)**



Speedometer	Display range : 0 ~ 225 MPH (0 ~ 360 km/h) Display unit : MPH or km/h Internal display : < 0.5 second
Odometer	Display range : 0 ~ 99,999 miles (km) Reset automatically after 99,999 miles (km) Display unit : 1 mile (km)
Tripmeter A/B	Display range : 0 ~ 9,999.9 miles (km) Reset automatically after 9,999.9 miles (km) Display unit : 0.1 mile (km)
Hour meter	Display range : 0 ~ 99,999.9 hours Reset automatically after 99,999.9 hours Display unit : 0.1 hour
Hour meter A/B	Display range : 9,999.9 hours Reset automatically after 9,999.9 hours Display unit : 0.1 hour
Clock	Setting range : 12 H or 24 H format
Volt meter	Display range : DC 8 ~ 18 V Display unit : DC 0.1 V
Stopwatch	Display range : 0 ~ 9'59"99 Display unit : 0.01 second
Maximum record function	Average speed : 0 ~ 225 MPH (0 ~ 360 km/h) Max speed : 0 ~ 225 MPH (0 ~ 360 km/h) Max voltage : DC 8 ~ 18 V
Inner battery level	Display range : 4 levels
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Power	LCD : Internal CR 2032 battery Backlight : DC 12 V
Meter standard	JIS D 0203 S2
Meter size (L x W x H)	$4\frac{3}{4}$ x $1\frac{5}{16}$ x $1\frac{9}{16}$ " (120 x 23 x 40 mm)
Meter weight	± 4.48 oz (± 127 g)

EX-02

speedometer (Enduro version)

Developed by Enduro riders and made especially for them, this EX-02 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-02 speedometer features all the basic functions such as speed, odometer, tripmeter, hour meter, voltage, stop-watch and clock. Another great feature to this meter is 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. The EX-02 speedometer is simply the best choice for your Enduro bike !



Parts included for other japanese applications (kit includes everything needed for installation)

Specifications



Speedometer	Display range : 0 ~ 225 MPH (0 ~ 360 km/h) Display unit : MPH or km/h Internal display : < 0.5 second
Odometer	Display range : 0 ~ 99,999 miles (km) Reset automatically after 99,999 miles (km) Display unit : 1 mile (km)
Tripmeter A/B	Display range : 0 ~ 9,999.9 miles (km) Reset automatically after 9,999.9 miles (km) Display unit : 0.1 mile (km)
Hour meter	Display range : 0 ~ 99,999.9 hours Reset automatically after 99,999.9 hours Display unit : 0.1 hour
Hour meter A/B	Display range : 9,999.9 hours Reset automatically after 9,999.9 hours Display unit : 0.1 hour
Clock	Setting range : 12 H or 24 H format
Volt meter	Display range : DC 8 ~ 18 V Display unit : DC 0.1 V
Stopwatch	Display range : 0 ~ 9'59"99 Display unit : 0.01 second
Maximum record function	Average speed : 0 ~ 225 MPH (0 ~ 360 km/h) Max speed : 0 ~ 225 MPH (0 ~ 360 km/h) Max voltage : DC 8 ~ 18 V
Inner battery level	Display range : 4 levels
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Power	LCD : Internal CR 2032 battery Backlight : DC 12 V
Meter standard	JIS D 0203 S2
Meter size (L x W x H)	4 ³ / ₄ x 1 ⁵ / ₁₆ x 1 ⁹ / ₁₆ " (120 x 23 x 40 mm)
Meter weight	± 4.48 oz (± 127 g)

Parts included for KTM (kit includes everything needed for installation)



Application list (Part Numbers)

Honda®

BA048HON-1

CR 125R / 250R	2000-2007
CRF 250X / 250R	2004-2017
CRF 450R / 450X	2002-2017
CR 500R	2000-2001

KTM®

BA048KTM-1

SX / MXC / EXC / XC / XC-W	2000-2017
----------------------------	-----------

Kawasaki®

BA048KAW-1

KX 450	2006-2017
KLX 450	2008-2009, 2012
KX 250	2003-2017

BA048KAW-2

KLXR 300	2000-2007
KX 125	2000-2005
KX 250	2000-2003
KX 500	2000-2004

Suzuki®

BA048SUZ-1

RM 125 / 250	2000-2008
RMZ 250	2004-2017

BA048SUZ-2

RMZ 450	2005-2017
---------	-----------

Yamaha®

BA048YAM-1

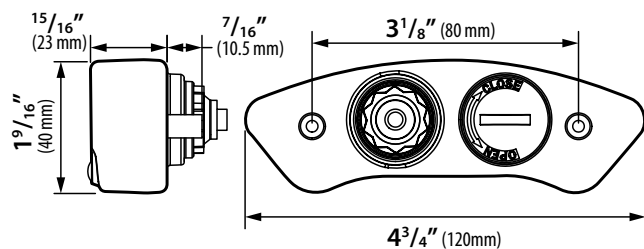
WR 450F	2003-2017
WR 250	2001-2017
YZ 125F / 250F	2008-2017
YZ 450F	2003-2012

BA048YAM-2

WR 400F	2000
WR 426F	2001-2002
YZ 125 / 125F / 250 / 250F	2000-2007
YZ 426F	2000



Dimensions



Packaging

Optional thumb switch (not included)



D1-OLED

multifunction meter

Our D1-OLED multifunction meter is one of the first after-market meters to use the OLED technology! You can finally have more information on a super slim compact meter. Built with advanced technology that allows you to see the display from almost any angle, this D1-OLED meter is the perfect item for your unique custom bike.

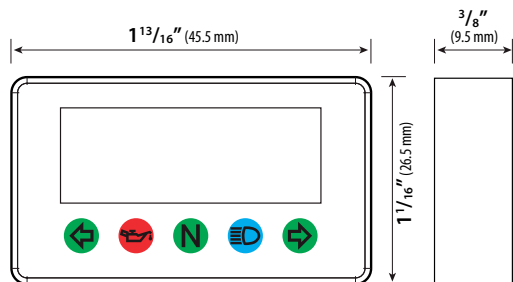


BA032000

Parts included (kit includes everything needed for installation)



Dimensions



Packaging



**Optional bracket
(not included)**



Specifications

Speedometer	Display range : 0 ~ 225 MPH (0 ~ 360 km/h) Display unit : 1 MPH or km/h (alternative) Internal display : < 0.5 second	Thermometer (Air)	Display range : -4 ~ 140 °F (-20 ~ 60 °C) Display unit : • < 100 °F (°C) = 0.1 °F (°C) • ≥ 100 °F (°C) = 1 °F (°C) Display --- °F (--- °C) if temperature sensor is not connected.
Odometer	Display range : 0 ~ 99,999 miles (km) Reset automatically after 99,999 miles (km) Display unit : 1 mile (km)	Low temperature warning (Air)	Setting range : 14 ~ 68 °F (-10 ~ 20 °C) Setting unit : 1 °F (°C) When the value is lower than the set value, the symbol will flash as a warning
Tripmeter A/B	Display range : 0 ~ 999.9 miles (km) Reset automatically after 999.9 miles (km) Display unit : 0.1 mile (km)	Fuel Level	Display range : 6 levels Display unit : 1 level = 16.6% Setting range : 100 Ω / 250 Ω / 510 Ω / 1200 Ω / SW
Speeding warning	Setting range : 19 ~ 225 MPH (30 ~ 360 km/h) Setting unit : 1 MPH (km/h)	Low fuel meter warning	Setting range : 0 ~ 3 Setting unit : 1 When the value is lower than the set value, the symbol will flash as a warning
Tire circumference	Setting range : 300 ~ 2,500 mm Setting unit : 1 mm Sensitive point : 1 ~ 20	Clock	Setting range : 24H format
Digital tachometer	Display range : 0 ~ 20,000 RPM Display unit : 10 RPM	Digital volt meter	Display range : DC 8 ~ 18 V Display unit : DC 0.1 V
Tachometer level	Display range : 0 ~ 8,000 / 12,000 / 16,000 RPM Display unit : • 8,000 RPM : 1 level = 500 RPM • 12,000 RPM : 1 level = 500 RPM • 16,000 RPM : 1 level = 1,000 RPM Internal display : < 0.5 second	Low voltage	Setting range : DC 8 ~ 18 V Setting unit : DC 0.1 V When the value is lower than the set value, the symbol will flash as a warning
RPM shift	Setting range : 1,000 ~ 20,000 RPM Setting unit : 100 RPM	Brightness	Setting range : 1/5 (darkest) ~ 5/5 (brightest) Setting unit : 1 level = 20%
RPM input signal number setting	Setting range : 0.5, 1 ~ 24	Indicator lights	<ul style="list-style-type: none"> • Turn signals • Oil level • Neutral • High beam
RPM input pulse	Setting range : • HI-ACT (positive wave pulse) • LO-ACT (negative wave pulse)	Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Thermometer unit	Display unit : °F or °C (alternative)	Effective voltage	DC 12 V
Thermometer (Water & Oil)	Display range : 32 ~ 482 °F (0 ~ 250 °C) Setting unit : • < 100 °F (°C) = 0.1 °F (°C) • ≥ 100 °F (°C) = 1 °F (°C)	Meter standard	JIS D 0203 S2
Temperature warning (Water & Oil)	Setting range : 140 ~ 482 °F (60 ~ 250 °C) Setting unit : 1 °F (°C) When the value is higher than the set value, the symbol will flash as a warning	Meter size (L x W x H)	1 ¹³ / ₁₆ x 3 ³ / ₈ x 1 ¹ / ₁₆ " (45.5 x 9.5 x 26.5 mm)
		Meter weight	± 0.78 oz (± 22 g)

Records



Gear indicator

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



KN002000

Parts included (kit includes everything needed for installation)

Specifications

Gear indicator	Display range : N, 1, 2, 3, 4, 5, 6
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (L x W x H)	1 7/16 x 1 1/16 x 2" (37 x 17 x 51 mm)
Meter weight	± 1.80 oz (± 51 g)

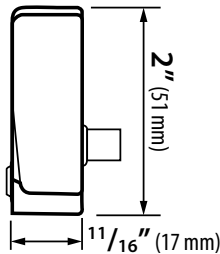
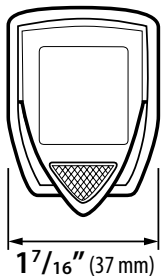


**Optional
bracket
(not included)**



Dimensions

Packaging



Application list

Model	Year	Model	Year	Model	Year	Model	Year
APRILIA - RVX	2009-2010	DUCATI - STREETFIGHTER	2010	KAWASAKI - 1000 ABS	2011-2013	SUZUKI - GSXR 1000	2000-2006
APRILIA - DORSODURO 750 - 750 ABS	2009-2017	DUCATI - HYPERMOTARD 796 - 1100	2008-2011	KAWASAKI - Z750	2003-2009	SUZUKI - TL 1000 R	1998-2002
APRILIA - RSV 1000	1998-2008	GUZZI - GRISO 1100 - 8V	2005-2010	KAWASAKI - Z800	2012-2013	SUZUKI - DL 650 / DL 1000 V-STROM	2002-2010
APRILIA - RSV4	2009-2012	GUZZI - BREVA 750	2003-2010	KAWASAKI - Z1000	2003-2013	SUZUKI - SV 1000	2003-2006
APRILIA - TUONO	2006-2010	GUZZI - BREVA 850 / 1100	2006-2010	KAWASAKI - ZX9R	1998-2005	SUZUKI - BANDIT 1200	2001-2006
APRILIA - FUTURA	2001-2004	GUZZI - STELVIO 1200/STELVIO 1200 ABS	2008-2016	KAWASAKI - ZX-10R	2004-2006	SUZUKI - BANDIT 1250 / 1250S	2006-2011
APRILIA - PEGASO	2005-2010	HONDA - HORNET 600	1998-2013	KAWASAKI - ZX-12R	2000-2006	SUZUKI - HAYABUSA	1999-2014
APRILIA - ETV 1000 CAPONORD	2001-2010	HONDA - HORNET 600 ABS	2007-2013	KTM - 690 (ALL MODELS)	2008-2011	SUZUKI - GSX 1400	2002-2005
BENELLI - TORNADO	2003-2006	HONDA - CBF 500 / CBF 600	2004-2007	KTM - 950 (ALL MODELS)	2005-2008	SUZUKI - GSX 1400	2006-2010
BENELLI - TRE K	2006-2010	HONDA - CBR 600 F	1999-2005	KTM - 990 SUPERDUKE	2007-2011	TRIUMPH - DAYTONA 955	2003-2006
BENELLI - TNT	2004-2008	HONDA - CBR 600 RR	2003-2016	KTM - 990 (ALL MODELS)	2007-2010	TRIUMPH - SPEED TRIPLE	2002-2014
BUELL - XB9	ALL	HONDA - XL 700 TRANSALP	2008-2010	MV - BRUTALE 750	2001-2006	TRIUMPH - SPEED TRIPLE ABS	2007-2014
BUELL - XB12	ALL	HONDA - DEAUVILLE 700	2007-2013	MV - BRUTALE 910	2005-2010	TRIUMPH - TIGER / TIGER ABS	2007-2013
CAGIVA - RAPTOR 650	2001-2007	HONDA - VFR 800 VTEC	2006-2009	MV - BRUTALE 920	2011	YAMAHA - FAZER 600	1998-2006
CAGIVA - RAPTOR 1000	2000-2005	HONDA - HORNET 900	2002-2006	MV - BRUTALE 989	2007-2010	YAMAHA - FZ6 / FZ6 S2	2004-2011
CAGIVA - NAVIGATOR 1000	2000-2005	HONDA - CBR 900	1996-2004	MV - F4 1000 S	2004-2006	YAMAHA - XJ6 / XJ6 ABS	2008-2014
DUCATI - 748 / 916 / 996 / 998	ALL	HONDA - CB 1000 / 1000 ABS	2008-2013	MV - F4 R - R1+1	2006-2008	YAMAHA - MT-03	2006-2013
DUCATI - 749 / 999	ALL	HONDA - CBR 1000 RR	2004-2014	MV - F4 1000	2010	YAMAHA - XT660	2004-2013
DUCATI - 848 / 1098	ALL	HONDA - CBR 1000 RR (MILES DASH)	2004-2007	SUZUKI - BANDIT 600 & 600S	2001 & 2003	YAMAHA - TDM 850	1996-2001
DUCATI - MONSTER 620 I.E.	ALL	HONDA - CROSSRUNNER / CROSSRUNNER ABS	2010-2014	SUZUKI - BANDIT 650 & 650S	2005-2010	YAMAHA - FZ8 / FZ8 ABS	2010-2013
DUCATI - MONSTER S2R - S4R	ALL	HONDA - VTR 1000 SP1 / SP2	2000-2006	SUZUKI - GSX 600 F	1999 & 2003	YAMAHA - YZF R6	1998-2016
DUCATI - MONSTER 800 - 1000	ALL	HONDA - CBR 1100 BLACK	1997-2006	SUZUKI - GSXR 600 SRAD	1997-2000	YAMAHA - YZF R1	1999-2008
DUCATI - MONSTER 696 - 1100	ALL	HONDA - CB 1300	2003-2005	SUZUKI - GSXR 600	2001-2006	YAMAHA - FZ1	2006-2013
DUCATI - MULTISTRADA 1000 / 1100 / 620	ALL	HONDA - VARADERO 1000	2003-2011	SUZUKI - SV 650	1999-2002	YAMAHA - FAZER 1000	2000-2013
DUCATI - ST3 / ST4	2004-2007	KAWASAKI - ER-6N	2005-2011	SUZUKI - SV 650 I.E.	2003-2006	YAMAHA - BT1100	2002-2006
DUCATI - SPORT 1000	2008	KAWASAKI - ZX-6R / ZX-6RR	1998-2008	SUZUKI - GSX 750 F	1999-2005	YAMAHA - FJR 1300 / FJR 13000 ABS	2000-2005
DUCATI - GT1000 / PAUL SMART 1000LE	ALL	KAWASAKI - VERSYS 650	2006-2009	SUZUKI - GSXR 750	2000-2006		

GPS lap timer

Following 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 and will display your best run, the time difference between your most recent run and your last, as well as; speed, average speed and many other great functions. Last but not least, this lap 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 - 60 MPH...) 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 !



BA045100

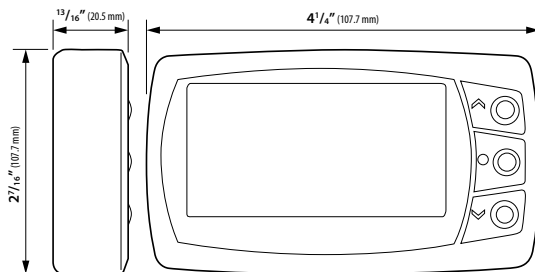
Parts included (kit includes everything needed for installation)



GPS transmitter included



Dimensions



Packaging



GPS LAP TIMER

Specifications

Speedometer	Display range : 0 ~ 255 MPH (0 ~ 360 km/h) Display unit : 1 MPH or km/h (alternative) Display internal : < 0.5 second	Single record time	Record range : 00'00"00 ~ 99'59"99
Odometer	Display range : 0 ~ 99,999 miles (km) Reset automatically after 99,999 miles (km) Display unit : 1 mile (km)	Number of lap record	Record range : 1 ~ 200 laps
Tripmeter	Display range : 0 ~ 9,999.9 miles (km) Reset automatically after 9,999.9 miles (km) (delete average speed and run time records simultaneously) Display range : 0.1 mile (km)	Time difference compared to the best time record	Display range : 0 ~ 99"99
Average speed	Record range : 0 ~ 255 MPH (0 ~ 360 km/h) Record unit : 1 MPH (km/h)	Time difference compared to the last lap	Display range : -99"99 ~ +99"99
Riding time	Record range : 0 ~ 9,999.9 H Reset automatically after 9,999.9 H Record unit : 0.1 H	Record display method	Setting range : Sequentially / Best
Top speed record	Record range : 0 ~ 360 MPH (km/h) Record unit : 1 MPH (km/h)	Record displays retention time	Setting range : 5 ~ 20 seconds
Geodetic coordinate system WGS-84		Target speed timer	Setting range : 20 ~ 255 MPH (30 ~ 360 km/h) Setting unit : 5 MPH (km/h)
Coordinate display method	Setting range : d°m's.s" / d.d° / d°m.m'	Target distance timer	Setting range : 1/32 ~ 30/32 mile (50 ~ 1,500 m) Setting unit : 1/32 mile (50 m)
Time zone	Setting range : UTC - 12 :00 ~ + 14 :00	Closed track single lap time recording	Setting range : 0 ~ 9'59"99
Calendar	Automatic time adjustment by GPS signal	Open track single lap time recording	Setting range : 0 ~ 9'59"99
Clock	Setting range : 12 H or 24 H format Automatically sets clock according to time zone selected	Create track	Setting range : Close / Open
Voltage warning	Battery symbol flashes when voltage is lower than DC 7 V	Track width	Setting range : 5 ~ 50 m Setting unit : 1 m
Display contrast adjustment	Setting range : 1 ~ 16 level	Track length	Auto-calculation after travel a lap
Backlight brightness adjust	Setting range : 0 (Closed) / 1/7 (darkest) ~ 7/7 (brightest)	Checkpoint	Setting range : 0 ~ 22 points (max.)
Timing mode		Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
		Effective voltage	DC 12 V
		Meter standard	JIS D 0203 S2
		Meter size (L x W x H)	4 ¹ / ₄ x 1 ³ / ₁₆ x 2 ⁷ / ₁₆ " (107.7 x 20.5 x 61.7 mm)
		Meter weight	± 4.66 oz (± 132 g)

Records

Racing menu



Track map



GPS satellite position



Session record



EFI tachometer

Following customer requests, we came up with this useful EFI tachometer that has 2 temperature readings and optional air/fuel ratio function. This instrument has a large graph bar and RPM digits, which make 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. Its programmable shift light and temperature warning lights will help you monitor your engine and make it the perfect racing tool !

** Optional A/F ratio function compatible with 4 stroke engines only*



Parts included (kit includes everything needed for installation)



Warning light colors



Optional O² sensor



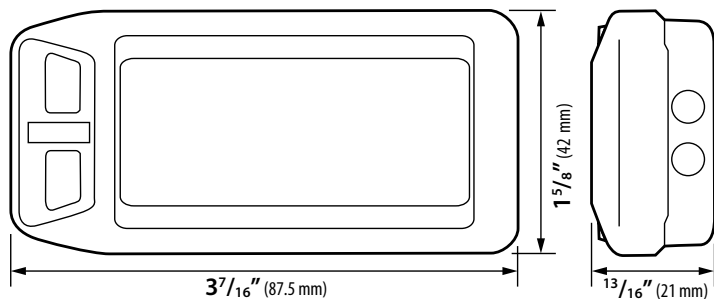
Optional O₂ signal wire



Specifications

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
Graph bar tachometer	Adjustable RPM scale : 10,000 / 15,000 / 20,000 RPM
Shift light	Setting range : 5,000 ~ 20,000 RPM Setting unit : 100 RPM
Maximum RPM record	Display range : 0 ~ 20,000 RPM
Stroke / piston setting	• 2 stroke : 1, 2, 3, 4, 6 pistons • 4 stroke : 1, 2, 4, 6, 8, 10, 12 pistons
Thermometer A/B	Display range : 32 ~ 482 °F (0 ~ 250 °C) Display unit : 0.1 °F or °C (alternative)
Thermometer alarm	Setting range : 140 ~ 482 °F (60 ~ 250 °C) Setting unit : 1 °F (°C)
Maximum temperature record	Display range : 32 ~ 482 °F (0 ~ 250 °C)
Optional air/fuel ratio output (narrow band)	Display range : 12.1 ~ 16.8 Display unit : 0.1
Clock	Setting range : 24 H format
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
Power	CR 2032 (lifetime ± 2 years)
Indicator lights	• RPM shift light (Red) • Temperature A alarm (Blue) • Temperature B alarm (Green)
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (L x W x H)	3 ⁷ / ₁₆ x 1 ³ / ₁₆ x 1 ⁵ / ₈ " (87.5 x 21 x 42 mm)
Meter weight	± 2.55 oz (± 72.4 g)

Dimensions



Packaging



Wideband air/fuel ratio meter

This nice backlighted wideband air/fuel ratio meter 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.

- * Compatible with 2 stroke or 4 stroke engines
- * "2 stroke adaptor" **BG001855** is mandatory when used on a 2 stroke application
- * Requires a DC 12 V battery absolutely (will not function with our AC/DC converter)



BA004068

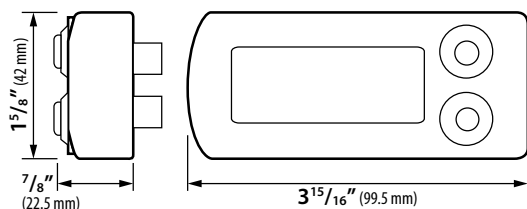
Parts included (kit includes everything needed for installation)

Specifications



Air/fuel ratio	Display range : 10 ~ 24 Internal display : < 0.5 second
Over LEAN setting	LEAN 14.8 ~ 24
Over RICH setting	RICH 14.6 ~ 10
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (L x W x H)	3 ¹⁵ / ₁₆ x 7 ⁷ / ₈ x 1 ⁵ / ₈ " (99.5 x 22.5 x 42 mm)
Meter weight	± 3.00 oz (± 85 g)
Sensor type	Bosch oxygen sensor : 28-BOSCH

Dimensions



Records

LEAN or RICH settings



Packaging



Optional bung, cap and washer kit



Optional O² adaptor 2 stroke engine



EGT-01

single exhaust gas temperature meter

This nice backlit EGT-01 single exhaust gas temperature meter will give you precious informations on your engine. It will allow you to tune it more precisely. Its warning could even save your engine from bad damages !



BA004065

WITH STANDARD
EGT SENSOR

BA004065X

WITH FAST RESPONSE
EGT SENSOR

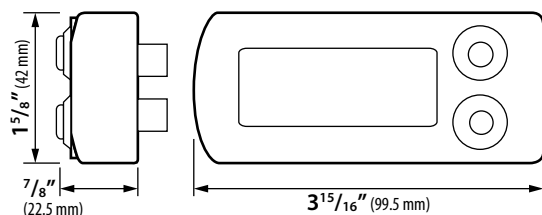
Parts included (kit includes everything needed for installation)

Specifications



Digital EGT temperature	Display range : 250 ~ 2,100 °F (100 ~ 1,200 °C) Display unit : 1 °F or °C (alternative)
Over temperature warning setting	Setting range : 392 ~ 2,100 °F (200 ~ 1,200 °C) Setting unit : 1 °F (°C)
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	AC/DC 12 V
Meter size (L x W x H)	3 ¹⁵ / ₁₆ x 7 ⁷ / ₈ x 1 ⁵ / ₈ " (99.5 x 22.5 x 42 mm)
Meter weight	± 3.00 oz (± 85 g)
Sensor Type	• EGT standard : 28-CKTYPE9 • EGT fast response : 28-CKTYPEX

Dimensions



Records

Settable warning



Packaging



**Optional
EGT weld on
bushing**



**Optional
EGT sensor
extension**



EGT-02

dual exhaust gas temperature meter

This nice EGT-02 dual exhaust temperature meter will give you precious informations on your engine. This meter allows you to tune it more precisely and to make sure nothing is wrong with it. The settable warning for each cylinder gives the opportunity to set the maximum temperature to reach at up to 2,100 °F. The color changing and the blinking of the screen makes it very easy to see if something is going wrong with the engine. This tool could save it from bad dammages !



BA006B61

WITH STANDARD
EGT SENSORS

BA006B61X

WITH FAST RESPONSE
EGT SENSORS

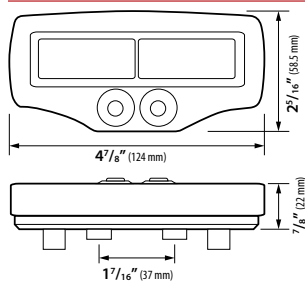
Parts included (kit includes everything needed for installation)



Specifications

Digital EGT Temperature A/B	Display range : 250 ~ 2,100 °F (100 ~ 1,200 °C) Display unit : 1 °F or °C (alternative)
Over temperature warning setting	Setting range : 392 ~ 2,100 °F (200 ~ 1,200 °C) Setting unit : 1 °F (°C)
Top temperature record	Display range : 250 ~ 2,100 °F (100 ~ 1,200 °C) Display unit : 1 °F (°C) Internal display : < 0.5 second
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	AC/DC 12 V
Meter standard	JIS D 0203 S2
Meter size (L x W x H)	4 ⁷ / ₈ x 2 ⁵ / ₁₆ x 22 mm (124 x 58.5 x 22 mm)
Meter weight	± 6.00 oz (± 170 g)
Sensor type	• EGT standard : 28-CKTYPE9 • EGT fast response : 28-CKTYPEX

Dimensions



Records

Settable warning



**Optional
EGT weld on
bushing**



**Optional
EGT sensor
extension**



Packaging



EGT-02R

dual EGT with RPM & water temperature meter

Continuing on with the evolution of our dual EGT-02 meter, Koso is proud to offer the dual EGT-02R with RPM and water temperature. This meter allows you to tune the engine more precisely and prevent engine damages. The settable warning and maximum recall functions for both EGT, RPM and water temperature are easy to use and show you vital engine informations. The color changing backlight makes it very easy to see even at night. This cool instrument can save your engine from expensive repairs !



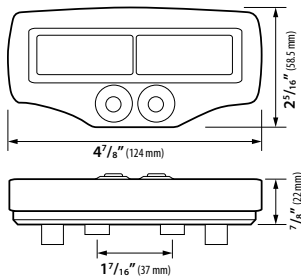
Parts included (kit includes everything needed for installation)



Specifications

Digital EGT Temperature A/B	Display range : 250 ~ 2,100 °F (100 ~ 1,200 °C) Display unit : 1 °F or °C (alternative)
Over temperature warning setting	Setting range : 392 ~ 2,100 °F (200 ~ 1,200 °C) Setting unit : 1 °F (°C)
Top temperature record	Display range : 250 ~ 2,100 °F (100 ~ 1,200 °C) Display unit : 1 °F (°C) Internal display : < 0.5 second
RPM	Display range : 0 ~ 15,000 RPM
Water temperature	Display range : 32 ~ 482 °F (0 ~ 250 °C) Display unit : 1 °F or °C (alternative)
Stroke / piston setting	<ul style="list-style-type: none"> • 2 stroke : 1, 2, 3, 4, 6 • 4 stroke : 1, 2, 3, 4, 5, 6, 8, 10, 12
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	AC/DC 12 V
Meter standard	JIS D 0203 S2
Meter size (L x W x H)	4 ⁷ / ₈ x 7 ⁷ / ₈ x 2 ⁵ / ₁₆ " (124 x 58.5 x 22 mm)
Meter weight	± 6.00 oz (± 170 g)
Sensor type	<ul style="list-style-type: none"> • EGT standard : 28-CKTYPE9 • EGT fast response : 28-CKTYPEX • Temperature sensor : BF550023

Dimensions



Records

Settable warning



Optional EGT weld on bushing



Optional EGT sensor extension



Packaging



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 X-1 boost gauge with warning and peak functions. Made to resist cold temperature, water or dust, this meter 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.



Parts included (kit includes everything needed for installation)

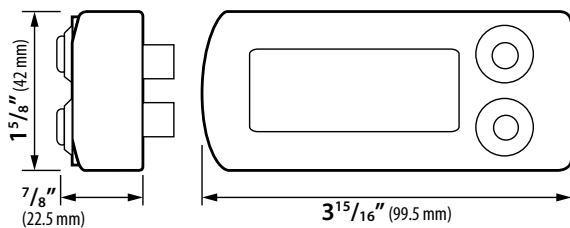
Specifications



Digital boost pressure	Display range : 0 ~ 15/30 psi Display unit : 0.5 psi
• Level boost pressure (15 psi)	Display range : 0 ~ 15 psi Display unit : 0.5 psi
• Level boost pressure (30 psi)	Display range : 0 ~ 30 psi Display unit : 1 psi
• Peak recall (positive)	Setting range : 1 ~ 30 psi
• Peak recall (negative)	Setting range : -1 ~ -30 psi Setting unit : 1 psi
Automatic warning function	over 15 psi / over 30 psi
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Power	AC/DC 12 V
Meter standard	JIS D0203 S2
Meter size (L x W x H)	3 ¹⁵ / ₁₆ x 7 ⁷ / ₈ x 1 ⁵ / ₈ " (99.5 x 22.5 x 42 mm)
Meter weight	± 3.00 oz (± 85 g)
Sensor type	Boost sensor : BF521000

Dimensions

Packaging



X-2 wideband a/f ratio, boost and intercooler temperature meter

This X-2 multifunction 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 pressure, air/fuel ratio and a temperature function which can be installed on the cooling system or the intercooler. This meter is made to resist cold temperature, snow, water and dust. The X-2 meter will give you precious informations to help you pull out more horsepower out of your engine or can save it from bad damages.



METERS

- * Compatible with 2 or 4 stroke engines
- * 2 stroke adaptor #BG001855 is mandatory when used on a 2 stroke application
- * Requires a DC 12 V battery absolutely (will not function with our AC/DC converter)

Parts included (kit includes everything needed for installation)

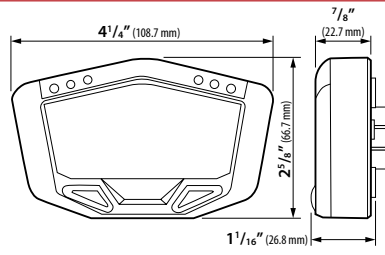
Specifications



Digital boost pressure	Display range : 0 ~ 15/30 psi Display unit : 0.5 psi
• Peak recall (positive)	Setting range : 1 ~ 30 psi
• Peak recall (negative)	Setting range : -1 ~ -30 psi Setting unit : 1 psi
• Level boost pressure (15 psi)	Display range : 0 ~ 15 psi Display unit : 0.5 psi
• Level boost pressure (30 psi)	Display range : 0 ~ 30 psi Display unit : 1 psi
Boost pressure warning	Setting range : 1 ~ 30 psi
Digital AFR ratio	Display range : 9 ~ 24 Display unit : 0.1
Level AFR ratio	Display range : 9 ~ 21 Display unit : 0.2
Over LEAN warning	Setting range : 14.8 ~ 24
Over RICH warning	Setting range 14.6 ~ 10
Warning function	Screen changes from blue to amber

Temperature	Display range : 32 ~ 482 °F (0 ~ 250 °C) Display unit : 0.1 °F or °C (alternative)
Over temperature warning	Setting range : 140 ~ 482 °F (60 ~ 250 °C) Setting unit : 1 °F (°C)
Indicator lights	<ul style="list-style-type: none"> ● AFR (green) ● High AFR (red) ● Low AFR (red) ● Pressure (red) ● Temperature (red)
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Power	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (L x W x H)	4 1/4 x 7 7/8 x 2 5/8" (108.7 x 22.7 x 66.7 mm)
Meter weight	± 7.05 oz (± 200 g)
Sensor type	Boost sensor : BF521000 Bosch oxygen sensor : 28-BOSCH Temp. sensor : BF030000

Dimensions



Packaging

**Optional
bung, cap and
washer kit**

**Optional
O² adaptor
2 stroke engine**



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.



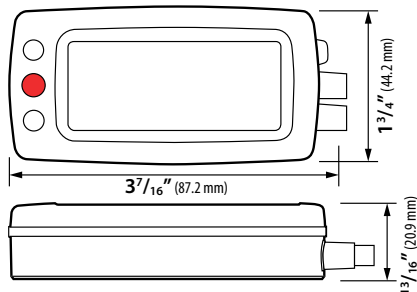
Parts included (kit includes everything needed for installation)

Specifications



Digital air density in %	Display range : 50 ~ 150% Display unit : 1% Warning range : Will blink to warn at over-range	
Air density scale in %	Display range : 70 ~ 130% Display unit : 1%	
Barometric pressure	Display range : • hPa : 500 ~ 1150 hPa • mmHg : 375 ~ 862.5 mmHg • inHg : 14.76 ~ 33.95 inHg	Display unit : • hPa : 1 hPa • mmHg : 0.5 mmHg • inHg : 0.1 inHg
Air temperature	Display range : -4 ~ 176 °F (-20 ~ 80 °C) Display unit : 1 °F or °C (alternative)	
Battery remaining capacity	Display range : 4 level indication Warning range : Will blink when the battery power is low	
Warning light	Will light on if air density goes 5% higher or lower than the set point	
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)	
Battery type	CR 2032	
Meter stadard	JIS D 0203 S2	
Meter size (L x W x H)	3 7/16 x 1 3/16 x 1 3/4" (87.2 x 20.85 x 44.2 mm)	
Meter weight	± 2.89 oz (± 82 g)	

Dimensions



Packaging

Optional RAD wheel guide jetting tool

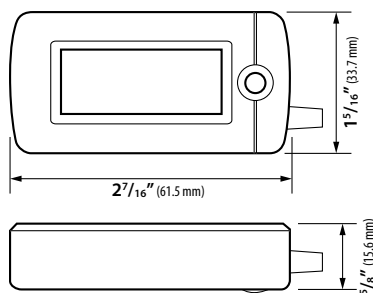
Part #	Description	Jet size
RW01	Mikuni hexagonal jet small	50 to 240
RW02	Mikuni hexagonal jet large	140 to 720
RW03	Mikuni round jet	100 to 210
RW04	Keihin main jet	90 to 220
RW05	Holley jet	62 to 100



MINI meters

Our Mini meter line uses an LCD screen powered by an inner CR 2032 changeable battery that allows installation on any vehicle. Small, compact and user-friendly; they are available in 2 versions; thermometer, and tachometer.

Dimensions



Optional bracket (not included)



MINI thermometer



BA003035

Parts included (kit includes everything needed for installation)



Specifications

Temperature	Display range : 32 ~ 482 °F (0 ~ 250 °C) Display unit : 0.1 °F or °C (alternative)
Max recall (resettable)	Display range : 32 ~ 482 °F (0 ~ 250 °C)
Effective temp. range	14 ~ 140 °F (-10 ~ 60 °C)
Power	Backlight : DC 12 V LCD : CR 2032
Battery life time	± 430 H
Meter standard	JIS D 0203 S2
Meter size (L x W x H)	2 ³ / ₁₆ x 5 ⁵ / ₈ x 1 ⁵ / ₁₆ " (61.5 x 15.6 x 33.7 mm)
Meter weight	± 1.06 oz (± 30 g)
Sensor type	Temperature sensor : 1/8 (BSP) x 28

MINI tachometer



BA003040

Parts included (kit includes everything needed for installation)



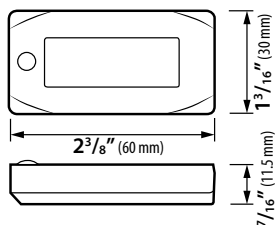
Specifications

Tachometer	Display range : 0 ~ 15,000 RPM Display unit : 10 RPM Internal display : < 0.5 seconds
RPM input pulse	Display range : 0.5, 1, 1.5, 2, 2.5, 3, 4, 5, 6
Effective temp. range	14 ~ 140 °F (-10 ~ 60 °C)
Battery type	LCD : CR 2032
Battery life time	± 1,000 H
Meter standard	JIS D 0203 S2
Meter size (L x W x H)	2 ³ / ₁₆ x 5 ⁵ / ₈ x 1 ⁵ / ₁₆ " (61.5 x 15.6 x 33.7 mm)
Meter weight	± 1.06 oz (± 30 g)

MINI 3 meters

The Mini 3 series has been developed with the best components and latest technology. Compact, lightweight and easy to connect, the Mini 3 meters are a must have.

Dimensions



Optional bracket
(not included)



Packaging

MINI 3 oil pressure meter

Our Mini 3 oil pressure meter 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.



BA003200

Parts included (kit includes everything needed for installation)



Specifications

Oil pressure meter	Display range : 0 ~ 100 PSI (0 ~ 7 kgf/cm ²) Display unit : 0.1 PSI (kgf/cm ²)
Oil pressure warning	Warning range : When pressure below the setting value (included), the LCD display will flash to warn
Effective temp. range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (L x W x H)	2 3/8 x 7/16 x 1 3/16" (60 x 11.5 x 30 mm)
Meter weight	± 0.78 oz (± 22 g)

MINI 3 air/fuel ratio meter

Our Mini 3 air/fuel ratio meter 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 DC 12 V source of power.



BA003211

**Compatible with 4 stroke engines only*

Parts included (kit includes everything needed for installation)



Specifications

Air/fuel ratio meter	Display range : 12.2 ~ 17.2 Setting unit : 0.1
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (L x W x H)	2 3/8 x 7/16 x 1 3/16" (60 x 11.5 x 30 mm)
Meter weight	± 0.78 oz (± 22 g)
Sensor type	Race type O ₂ sensor : BG000S01

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 !

** Requires OEM or aftermarket fuel sensor (not included)*



BA003250

Parts included (kit includes everything needed for installation)



Specifications

Fuel level	Display range : 10 levels Display unit : 1 level = 10%
Digital fuel meter	Display range : 0 ~ 100% Display unit : 1%
Fuel meter resistance	Setting range : 100 Ω / 180 Ω / 250 Ω / 270 Ω / 510 Ω / 700 Ω / 1200 Ω
Fuel warning	Setting range : 0 ~ 25% Setting unit : 1%
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (L x W x H)	2 ³ / ₈ x 7 ⁷ / ₁₆ x 1 ³ / ₁₆ " (60 x 11.5 x 30 mm)
Meter weight	± 0.78 oz (± 22 g)

MINI 3 ambient air temp.

Our Mini 3 ambient air temperature is the perfect addition for any application. Very simple to install and affordable, this is the perfect tool to monitor the outside temperature and help you dress properly.



BA003270

Parts included (kit includes everything needed for installation)



Specifications

Thermometer	Display range : -22 ~ 248 °F (-30 ~ 120 °C) Display unit : 0.1°F or °C (alternative)
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (L x W x H)	2 ³ / ₈ x 7 ⁷ / ₁₆ x 1 ³ / ₁₆ " (60 x 11.5 x 30 mm)
Meter weight	± 0.78 oz (± 22 g)

MINI 3

AMP & volt meter

This Mini 3 AMP & volt meter 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.



BA003190

Parts included (kit includes everything needed for installation)



Specifications

AMP meter	Display range : 0 ~ 30 A Display unit : 0.1 A
Volt meter	Display range : DC 6 ~ 19.9 V Display unit : DC 0.1 V
Low voltage warning	Setting range : DC 8 ~ 13 V Setting unit : DC 0.1 V
Voltage warning	When the voltage is below DC 11.5 V or over DC 15.5 V, the LCD display will flash to warn
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (L x W x H)	2 ³ / ₈ x 7 ⁷ / ₁₆ x 1 ³ / ₁₆ " (60 x 11.5 x 30 mm)
Meter weight	± 0.78 oz (± 22 g)

MINI 3

clock & volt meter

This compact and lightweight Mini 3 clock & volt meter 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.



BA003160

Parts included (kit includes everything needed for installation)



Specifications

Clock	Setting range : 24 H format
Volt meter	Display range : DC 6 ~ 19.9 V Display unit : DC 0.1 V
Low voltage warning	Setting range : DC 8 ~ 13 V Setting unit : DC 0.1 V
Voltage warning	When the voltage is below DC 11.5 V or over DC 15.5 V, the LCD display will flash to warn
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (L x W x H)	2 ³ / ₈ x 7 ⁷ / ₁₆ x 1 ³ / ₁₆ " (60 x 11.5 x 30 mm)
Meter weight	± 0.71 oz (± 20 g)

MINI 3

MINI 3 dual temperature meter

This compact and lightweight Mini 3 dual temperature meter features two temperatures output. This meter can give you precious information such as coolant and oil temperature.



BA003170

Parts included (kit includes everything needed for installation)



Specifications

Thermometer A/B	Display range : 32 ~ 248 °F (0 ~ 120 °C) Display unit : 0.1 °F or °C (alternative)
Temperature warning	When the temperature is over 248°F (120°C), the meter will flash to warn you
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (L x W x H)	2 ³ / ₈ x 7 ¹ / ₁₆ x 1 ³ / ₁₆ " (60 x 11.5 x 30 mm)
Meter weight	± 0.78 oz (± 22 g)
Sensor type	Temperature sensor : BF030125 1/8(BSP) x 28

MINI 4 hour meter

Our Mini 4 hour meter will allow you to track the motor running time and schedule your next engine maintenance. User-friendly and quick to install, this compact hour meter is a must for all serious riders !



BA033000

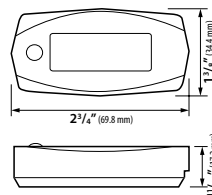
Parts included (kit includes everything needed for installation)



Specifications

Total hour meter	Display range : 0 ~ 99,999 H Display unit : 1 H
Hour meter A/B (Resettable)	Display range : 0 ~ 999.9 H Display unit : 0.1 H
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Battery type	CR 2032
Battery life time	± 350 H (when battery volume is below 250 mAh)
Meter standard	JIS D 0203 S2
Meter size (L x W x H)	2 ³ / ₄ x 1 ¹ / ₁₆ x 1 ³ / ₈ " (69.8 x 17.2 x 34.4 mm)
Meter weight	± 1.68 oz (± 47.6 g)

Dimensions



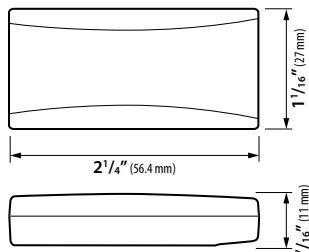
Packaging



SUPER SLIM STYLE meters

Our Super Slim Style series is one of our best seller because its small and compact size makes it very easy to install at almost any location on the bike. The blue or red illuminated digits make the meter very attractive and easy to read at night. Different models are available, temperature meter, volt meter and clock/volt meter and they are all equipped with a warning function to help you monitor the information.

Dimensions



Optional bracket
(not included)



Packaging



SUPER SLIM STYLE thermometer



BA024B10

BA024R11

°C version/Blue °C version/Red



BA024B11

BA024R10

°F version/Blue °F version/Red

Parts included (kit includes everything needed for installation)

Specifications



Thermometer	Display range : 32 ~ 248 °F (0 ~ 120 °C) Display unit : 1 °F or °C (alternative)
Temperature warning	When temp. is over 248 °F (120 °C), the meter will flash to warn you.
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (L x W x H)	2 1/4 x 7/16 x 1 1/16" (56.4 x 11 x 27 mm)
Meter weight	± 0.78 oz (± 20 g)
Sensor type	Temp. sensor : BF030125 1/8 (BSP) x 28

SUPER SLIM STYLE volt meter



BA024B00

Blue digits

BA024R00

Red digits

Parts included (kit includes everything needed for installation)



Specifications

Volt meter	Display range : DC 8 ~ 18 V Display unit : DC 0.1 V
Voltage warning	When voltage is lower than DC 11.5 V, the meter will flash to warn you.
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (L x W x H)	2 1/4 x 7/16 x 1 1/16" (56.4 x 11 x 27 mm)
Meter weight	± 0.78 oz (± 20 g)

SUPER SLIM STYLE clock & volt meter



BA024B50

Parts included (kit includes everything needed for installation)



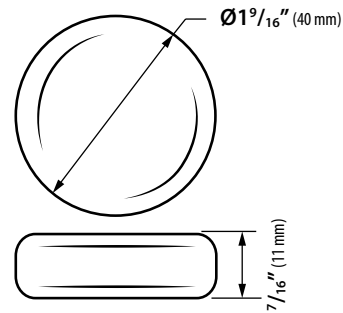
Specifications

Clock	Setting range : 24 H format
Volt meter	Display range : DC 6 ~ 19.9 V Display unit : DC 0.1 V
Volt warning setting	Setting range : DC 8 ~ 18 V Setting unit : DC 0.1 V Default values : • High : DC 14 V • Low : DC 11 V
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (L x W x H)	2 1/4 x 7/16 x 1 1/16" (56.4 x 11 x 27 mm)
Meter weight	± 0.78 oz (± 20 g)

I-GEAR meters

The small and compact size of the I-Gear meters make 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.

Dimensions



Packaging



I-GEAR thermometer


BA067B10
BA067R10

°C version/Blue °C version/Red


BA067B12
BA067R12

°F version/Blue °F version/Red

Parts included (kit includes everything needed for installation)



Specifications

Thermometer	Display range : 32 ~ 248 °F (0 ~ 120 °C) Display unit : 1 °F or °C (alternative)
Temperature warning	When the temperature is over 248 °F (120 °C), the meter will flash to warn you.
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (D x W)	Ø 1 9/16 x 7/16" (Ø 40 x 11 mm)
Meter weight	± 1.06 oz (± 30 g)
Sensor type	Temperature sensor : BF030125 1/8 (BSP) x 28

I-GEAR volt meter


BA067B00

Blue digits

BA067R00

Red digits

Parts included (kit includes everything needed for installation)



Specifications

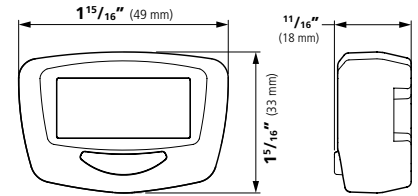
Volt meter	Display range : DC 8 ~ 18 V Display unit : DC 0.1 V
Voltage warning	When the voltage is lower than DC 11.5 V, the meter will flash to warn you.
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (D x W)	Ø 1 9/16 x 9/16" (Ø 40 x 11 mm)
Meter weight	± 0.85 oz (± 24 g)

NEW**COMING SOON**

PROTON meters

Designed to function on virtually any motorsport vehicle as it operates with a CR2032 replaceable battery. This light weight compact gauge features a large LCD display for easy reading and a removable face plate with all necessary hardware providing a simple and clean install.

Dimensions



PROTON thermometer

The Proton water temperature meter will provide you with a precise reading of your engines coolant temperature. Supplied with a 1/8 BSP sensor, this meter will provide you with accurate temperature readings and help avoid overheating.



Specifications

Temperature	Display range : 32 ~ 248 °F (0 ~ 120 °C) Display unit : 0.1 °F (°C) alternative Internal display : < 0.5 second
Maximum temperature record	Display range : 32 ~ 248 °F (0 ~ 120 °C)
Internal battery type	CR 2032
Battery lifetime (continuously)	± 350 H
Battery self-consumed lifetime	± 5 years
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Meter standard	JIS D 0203 S2
Meter size (L x W x H)	1 1/16 x 1 15/16 x 1 5/16" (18 x 49 x 33 mm)

Parts included (kit includes everything needed for installation)



PROTON thermometer with temperature adaptor

BA074200-14

14 mm adaptor

BA074200-18

18 mm adaptor

BA074200-16

16 mm adaptor

BA074200-22

22 mm adaptor

BA074200-26

26 mm adaptor



PROTON

PROTON RPM & hour meter



BA074000

The Proton RPM & hour meter will allow you to visualise the revolutions of your motor while the hour meter will keep track of the amount of time your engine has ran.

Specifications

Digital tachometer	Display range : 0 ~ 20,000 RPM Display unit : 100 RPM Internal display : < 0.5 second
Maximum RPM record	Display range : 0 ~ 20,000 RPM
RPM input pulse	Setting range : 0.5 / 1 / 1.5 / 2
Total engine hour meter	Display range : 0 ~ 999.9 / 1,000 ~ 99,999 H
Hour meter A/B	Display range : 0 ~ 999.9 H Display unit : 0.1 H
Internal battery type	CR 2032
Battery lifetime (continuously)	± 350 H
Battery self-consumed lifetime	± 5 years
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Meter standard	JIS D 0203 S2
Meter size (L x W x H)	1 ¹ / ₁₆ x 1 ¹⁵ / ₁₆ x 1 ⁵ / ₁₆ " (18 x 49 x 33 mm)

Parts included (kit includes everything needed for installation)



PROTON volt meter



BA074300

The Proton volt meter will allow you to visualise the vital signs of your motor vehicles battery saving you from potential troubles.

Specifications

Volt meter	Display range : DC 1 ~ 70 V Display unit : DC 0.1 V Internal display : < 0.5 second
Maximum volt record	Display range : DC 1 ~ 70 V
Internal battery type	CR 2032
Battery lifetime (continuously)	± 1 year
Battery self-consumed lifetime	± 5 years
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Meter standard	JIS D 0203 S2
Meter size (L x W x H)	1 ¹ / ₁₆ x 1 ¹⁵ / ₁₆ x 1 ⁵ / ₁₆ " (18 x 49 x 33 mm)

Parts included (kit includes everything needed for installation)



TNT-01R

tachometer 8,000 RPM

for metric motorcycles

Built with the best components and strongest stepper motor on the market, this TNT-01R tachometer is the perfect addition for all metric motorcycles. Its large dial face and backlight make it easy to read all day long. Available in black dial face with black casing and white dial face with chrome casing.



BA035113

BLACK CASING
BLACK FACE

BA035103

CHROME CASING
WHITE FACE

Parts included (kit includes everything needed for installation)

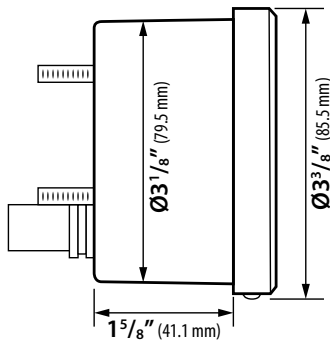
Specifications



Tachometer	Display range : 0 ~ 8,000 RPM Internal display : < 0.5 second
RPM input signal number	Setting range : 0.5, 1 ~ 6
RPM input pulse	Setting range : • HI-ACT (positive wave pulse) • LO-ACT (negative wave pulse)
Backlight brightness	Setting range : 1/5 (darkest) ~ 5/5 (brightest)
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (D x W)	Ø 3 1/8 x 1 5/8" (Ø 79.5 x 41.1 mm)
Meter weight	± 11.64 oz (± 330 g)

Dimensions

Packaging



**Optional
TNT bracket
(not included)**



TNT-01R

tachometer 10,000 RPM

with shift light

Built with the best components and strongest stepper motor on the market, this TNT-01R tachometer is the perfect addition for all motorcycles. Its large dial face and backlight make it easy to read all day long. Available in black dial face with black casing and white dial face with chrome casing.



BA035130

BLACK CASING
BLACK FACE

BA035120

CHROME CASING
WHITE FACE

Parts included (kit includes everything needed for installation)

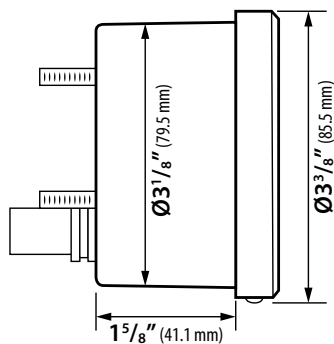
Specifications



Tachometer	Display range : 0 ~ 10,000 RPM Internal display : < 0.5 second
RPM input signal number	Setting range : 0.5, 1 ~ 6
RPM input pulse	Setting range : <ul style="list-style-type: none">• HI-ACT (positive wave pulse)• LO-ACT (negative wave pulse)
Backlight brightness	Setting range : 1/5 (darkest) ~ 5/5 (brightest)
Shift light	<ul style="list-style-type: none">• Light on• Flash
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (D x W)	Ø 3 1/8 x 1 5/8" (Ø 79.5 x 41.1 mm)
Meter weight	± 11.64 oz (± 330 g)

Dimensions

Packaging



**Optional
TNT bracket
(not included)**



TNT-01R

tachometer 15,000 RPM

with shift light

Built with the best components and strongest stepper motor on the market, this TNT-01R tachometer is the perfect addition for all motorcycles. Its large dial face and backlight make it easy to read all day long. Available in black dial face with black casing and white dial face with chrome casing.



BA035150

BLACK CASING
BLACK FACE

BA035140

CHROME CASING
WHITE FACE

Parts included (kit includes everything needed for installation)

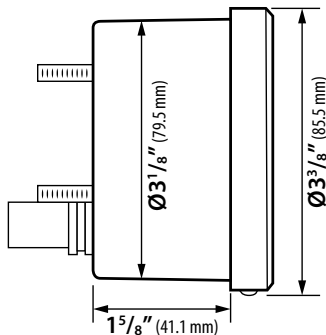
Specifications



Tachometer	Display range : 0 ~ 15,000 RPM Internal display : < 0.5 second
RPM input signal number	Setting range : 0.5, 1 ~ 6
RPM input pulse	Setting range : <ul style="list-style-type: none">• HI-ACT (positive wave pulse)• LO-ACT (negative wave pulse)
Backlight brightness	Setting range : 1/5 (darkest) ~ 5/5 (brightest)
Shift light	Setting range : 0 ~ 15,000 RPM Setting unit : 500 RPM
Warning	Light on / Flash
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 9 ~ 12 V
Meter standard	JIS D 0203 S2
Meter size (D x W)	Ø 3 1/8 x 1 5/8" (Ø 79.5 x 41.1 mm)
Meter weight	± 11.64 oz (± 330 g)

Dimensions

Packaging



**Optional
TNT bracket
(not included)**



TNT-01S

speedometer

Our TNT-01S multifunction speedometer is the perfect meter for all the Café racers and special projects. The TNT-01S meter uses a stepper motor for a fast and smooth response. The instrument features many functions such as, speed, odometer, tripmeter, fuel meter, clock, voltage, indicator lights and more... This meter is available in black or white face and includes the installation brackets and speed sensor.



BA035170

BLACK CASING
BLACK FACE

BA035160

CHROME CASING
WHITE FACE

METERS

Parts included (kit includes everything needed for installation)

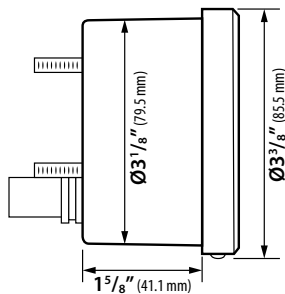
Specifications



Digital speedometer	Display range : 0 ~ 225 MPH (0 ~ 360 km/h) Display unit : 1 MPH or km/h (alternative) Internal display : < 0.5 second
Needle speedometer	Display range : 0 ~ 140 MPH (km/h)
Maximum speed record	Digital speed : 0 ~ 225 MPH (0 ~ 360 km/h) Needle speed : 0 ~ 140 MPH (km/h)
Odometer	Display range : 0 ~ 99,999 miles (km) Reset automatically after 99,999 miles (km) Display unit : 1 mile (km)
Tripmeter A/B	Display range : 999.9 miles (km) Reset automatically after 999.9 miles (km) Display unit : 0.1 mile (km)
Tire circumference	Setting range : 300 ~ 2,500 mm Setting unit : 1 mm • Sensitive point : 1 ~ 20
Oil maintenance mileage	Display range : 0 ~ 99,999 miles (km) Display unit : 1 mile (km)
Fuel meter	Display range : 6 levels Display unit : 1 level = 16.6%
Fuel resistance	Setting range : 100 Ω / 250 Ω / 510 Ω / 1,200 Ω / SW
Clock	Setting range : 24 H format
Volt meter	Display range : DC 8 ~ 18 V Flashing warning when voltage is lower than DC 11.5 V or higher than DC 15.5 V
Backlight brightness	Display range : 1/5 (darkest) ~ 5/5 (brightest)
Indicator lights	<ul style="list-style-type: none"> • Turn signals • Warning • Neutral • High beam
Effective temp. range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (D x W)	Ø 3 1/8 x 1 5/8" (Ø 79.5 x 41.1 mm)
Meter weight	± 11.64 oz (± 330 g)
Sensor type	Passive speed sensor : BF019005

Dimensions

Packaging



**Optional
TNT bracket
(not included)**



TNT-01

multifunction meter

Our TNT-01 multifunction meter is perfect for all the Café racers and special projects. The TNT-01 meter uses a stepper motor for a fast and smooth response. The instrument features many functions such as, speed, odometer, tripmeter, RPM, fuel meter, clock, voltage, shift light, indicator lights and more... This meter is available in black or white face and includes the installation brackets and speed sensor.



BA035K00

BLACK CASING
BLACK FACE

BA035W00

CHROME CASING
WHITE FACE

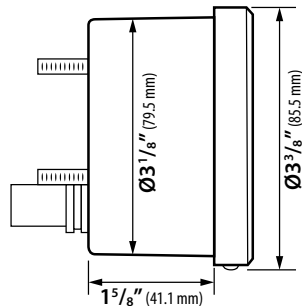
Parts included (kit includes everything needed for installation)



Specifications

Speedometer	Display range : 0 ~ 225 MPH (0 ~ 360 km/h) Display unit : MPH or km/h Internal display : < 0.5 second
Odometer	Display range : 0 ~ 99,999 miles (km) Reset automatically after 99,999 miles (km) Display unit : 1 mile (km)
Tripmeter A/B	Display range : 0 ~ 999.9 miles (km) Reset automatically after 999.9 miles (km) Display unit : 0.1 mile (km)
Tire circumference	Setting range : 300 ~ 2,500 mm Setting unit : 1 mm • Sensitive point : 1 ~ 20
Tachometer	Display range : 0 ~ 10,000 RPM
Shift light	Setting range : 8,000 ~ 10,000 RPM Setting unit : 100 RPM
Warning (shift light)	Setting range : Light on (F-OFF), Flash (F-ON)
RPM input signal number	Setting range : 0.5, 1 ~ 24
RPM input pulse	Setting range : • HI-ACT (positive wave pulse) • LO-ACT (negative wave pulse)
Fuel meter	Display range : 6 levels (1 level = 16.6%)
Fuel resistance	Setting range : 100 Ω / 250 Ω / 510 Ω / 1,200 Ω / SW
Clock	Setting range : 24 H format
Volt meter	Display range : DC 8 ~ 18 V Flashing warning when voltage is lower than DC 11.5 V or higher than DC 15.5 V
Backlight brightness	Setting range : 1/5 (darkest) ~ 5/5 (brightest)
Indicator lights	<ul style="list-style-type: none"> • Turn signals • High beam • RPM shift light • Warning • Neutral
Effective temp. range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (D x W)	Ø 3 1/8 x 1 5/8" (Ø 79.5 x 41.1 mm)
Meter weight	± 11.64 oz (± 330 g)
Sensor type	Passive speed sensor : BF019005

Dimensions



**Fits KOSO
bullet casing**



Packaging



TNT-02

multifunction meter

With its vintage look, our TNT-02 is the perfect meter for all Café racers and special project bikes that require a small multifunction meter. This 64 mm instrument is a smaller version of our popular TNT-01 and it has the same features such as; speedometer, odometer, tripmeter, tachometer, fuel meter, clock, shift light and indicator lights. Its strong stepper motor allow the reading to be fast and smooth for the best in-time response you can have and its adjustable backlight brightness makes it very easy to read.



BA058100

METERS

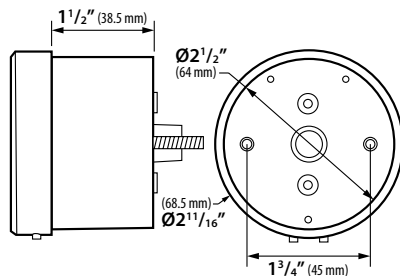
Parts included (kit includes everything needed for installation)

Specifications



Speedometer	Display range : 0 ~ 225 MPH (0 ~ 360 km/h) Display unit : MPH or km/h alternative Internal display : < 0.5 second
Odometer	Display range : 0 ~ 99,999 miles (km) Reset automatically after 99,999 miles (km) Display unit : 1 mile (km)
Tripmeter A/B	Display range : 0 ~ 999.9 miles (km) Reset automatically after 999.9 miles (km) Display unit : 0.1 mile (km)
Tire circumference	Setting range : 300 ~ 2,500 mm Setting unit : 1 mm • Sensitive point : 1 ~ 20
Tachometer	Display range : 0 ~ 10,000 RPM
Shift light	Setting range : 5,000 ~ 20,000 RPM Setting unit : 100 RPM
Warning	Setting range : Light on (F-OFF), Flash (F-ON)
RPM input signal nb setting	Setting range : 0.5, 1 ~ 6
RPM input pulse	Setting range : • HI-ACT (positive wave pulse) • LO-ACT (negative wave pulse)
Fuel meter	Display range : 0 ~ 100% • Display unit : 1%
Clock	Setting range : 24 H format
Backlight brightness	Setting range : 1/5 (darkest) ~ 5/5 (brightest) Setting unit : 20%
Indicator lights	<ul style="list-style-type: none"> • Turn signals • High beam • RPM shift light • Warning • Neutral
Effective temp. range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (D x W)	Ø 2 1/2 x 1 1/2" (Ø 64 x 38.5 mm)
Meter weight	± 11.64 oz (± 330 g)
Sensor type	Passive speed sensor : BF019005

Dimensions



Packaging



**Optional
TNT bracket
(not included)**



NEW

TNT-04

multifunction meter

Our TNT-04 multifunction meter is perfect for all special projects. It is equipped with a 8 color changeable LCD display and also uses a strong stepper motor that provides a precise and fast RPM reading so that you can get in-time information. 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, this is a great addition to customize your ride.



BA051401

BA051411

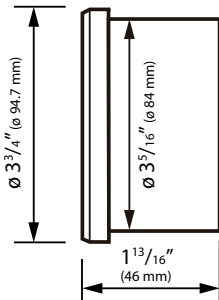
SILVER BEZEL

BLACK BEZEL

Parts included (kit includes everything needed for installation)



Dimensions










Packaging



METERS

Specifications

Tachometer	Display range : 0 ~ 10,000 RPM	Fuel level	Display range : 6 levels Display unit : 16.67%
RPM signal	Display range : P-0.5, P-1 ~ P-24	Fuel resistance	Setting range : 100 Ω / 250 Ω / 270 Ω / 510 Ω / 1,200 Ω / Fuel switch / USER
RPM input pulse	Setting range : • HI-ACT (positive wave pulse) • LO-ACT (negative wave pulse)	Clock	Setting range : 12 H or 24 H format
Over RPM warning	Setting range : 1,000 ~ 10,000RPM Warning sign will be given once exceeded (including) setting value Setting unit : 100 RPM	Volt meter	Display range : DC 8 ~ 18 V
RPM shift light	Setting range : 2,000 ~ 10,000 RPM Warning lights on when exceed the value Setting unit : 100 RPM	Under voltage warning	Setting range : DC 8 ~ 18 V Warning sign will be given once below (including) setting value
Maximum RPM mode	Setting range : Light on (F-OFF), Flash (F-ON)	Indicator lights	<ul style="list-style-type: none"> •  Warning 1 •  Warning 2 •  Neutral •  Turn signals •  High beam •  Check engine •  RPM shift light
Speedometer	Display range : 0 ~ 225 MPH (0 ~ 360 km/h) Display unit : 1 MPH or km/h (alternative) Internal display : < 0.5 second	Gear position	Off, highest gear, N & highest gear, show all, N, 1, 2, 3, 4, 5, 6
Overspeeding warning	Setting range : 19 ~ 225 MPH (30 ~ 360 km/h) Warning sign will be given once exceeded (including) setting value Setting unit : 1 MPH (km/h)	Backlight brightness	Setting range : 1/5 (darkest) ~ 5/5 (brightest)
Odometer	Display range : 0 ~ 999,999 miles (km) Return to zero upon exceeded Display unit : 1 mile (km)	Backlight colors	White, light blue, blue, purple, red, orange, yellow, green
Tripmeter A/B	Display range : 0 ~ 9,999.9 miles (km) Display unit : 0.1 mile (km)	Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Tire circumference	Setting range : 300 ~ 2,500 mm Display unit : 1 mm Sensitive point : 1 ~ 20	Effective voltage	DC 12 V
Thermometer	Display range : 32 ~ 482 °F (0 ~ 215 °C) Display unit : 0.1 °F or °C (alternative)	Meter standard	JIS D 0203 S2
Over temperature warning	Setting range : 140 ~ 482 °F (60 ~ 250 °C) Warning sign will be given once exceeded (including) setting value Setting unit : 1 °F (°C)	Meter size (D x W)	∅ 3 3/4 x 2 3/16" (∅ 94.7 x 55.8 mm)
		Meter weight	± 5.82 oz (± 165 g)

Eight color changeable display



NEW

TNT-B

multifunction meter

for Yamaha Bolt®



BA051300

BA051310

SILVER BEZEL

BLACK BEZEL

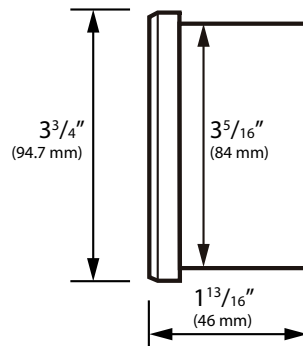
Yamaha Bolt® enthusiasts riders can now customize their motorcycle with our high-quality plug & play TNT-B meter. It is equipped with a 8 color changeable LCD display and also uses a strong stepper motor that provides a precise and fast RPM reading so that you can get in-time information. Some of the great functions this meter has to offer are : speed, RPM, indicator lights, fuel meter, and gear position indicator. Available in silver or black bezel, this is a great addition to your Yamaha Bolt®.

METERS

Parts included (kit includes everything needed for installation)

Dimensions

Packaging



Eight color changeable display



Specifications

Speedometer	Display range : 0 ~ 225 MPH (0 ~ 360 km/h) Display unit : 1 MPH or km/h (alternative) Internal display : < 0.5 second	Thermometer	Display unit : °F or °C (alternative)
Overspeed warning	Setting range : 19 ~ 225 MPH (30 ~ 360 km/h) Warning light will light on when above setting value (including) Setting unit : 1 mile (km)	Engine temperature meter	Display range : -22 ~ 437 °F (-30 ~ 225 °C) Display unit : 1 °F (°C)
Maximum speed record	Display range : 0 ~ 360 miles (km)	Overheat warning	Setting range : 140 ~ 437 °F (60 ~ 225 °C)
Odometer	Display range : 0 ~ 999,999 miles (km) Display unit : 1 mile (km)	Maximum temperature record	Setting range : -22 ~ 437 °F (-30 ~ 225 °C) Setting unit : 1 °F (°C)
Tripmeter A/B	Display range : 0 ~ 9,999.9 miles (km) Display unit : 0.1 mile (km)	Round indicator light	Display range : -22 ~ 437 °F (-30 ~ 225 °C)
Motor oil maintenance	Setting range : Close / 300 ~ 10,000 miles (500 ~ 16,000 km) Setting unit : 100 miles (km)	Warning cause	Speeding warning light, RPM shift light, Overheat warning light, Low voltage warning, Fuel warning, Oil maintenance, Highest gear
Fuel reserve tripmeter	Display range : 0 ~ 9,999.9 miles (km) Display unit : 0.1 mile (km)	Warning method	Lit (L), Slow flash (S), Flash (F)
Tire percentage	Setting range : 50 ~ 200% Display unit : 1%	Low fuel indicator	Display range : ON / OFF / Flash
Gear position	Display range : no display, N, 1, 2, 3, 4, 5	Clock	Setting range : 12 H or 24 H format
Maximum gear level record	Display range : no display, N, 1, 2, 3, 4, 5 Record gear level when at maximum RPM	Under voltage warning	Setting range : DC 8 ~ 18 V Setting unit : DC 0.1 V
Tachometer	Display range : 0 ~ 8,000 RPM Display unit : 100 RPM Internal display : < 0.5 second	Backlight brightness	Setting range : 1/5 (darkest) ~ 5/5 (brightest)
Shift light warning	Setting range : 1,000 ~ 8,000 RPM Warning will light on when above the setting value (including) Setting unit : 100 RPM	Backlight colors	White, light blue, blue, purple, red, orange, yellow, green
Digital tachometer	Display range : 0 ~ 8,000 RPM Display unit : 100 RPM	Indicator lights	<ul style="list-style-type: none"> ● RPM shift light ● Check engine ● Oil level ● High beam ● ABS ● Anti-theft ● Turn signals
		ABS indicator	Setting range : Close (OFF) / Open (ON)
		Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
		Effective voltage	DC 12 V
		Meter standard	JIS D 0203 S2
		Meter size (D x W)	∅ 3 ³ / ₄ x 2 ³ / ₄ " (∅ 94.7 x 69.2 mm)
		Meter weight	± 7.65 oz (± 217 g)

Installed



DL STYLE speedometer

Our DL Style speedometer features speed, tripmeter and fuel level. It is built using a reverse LCD screen that gives it a unique look as they become completely dark when turned off. Another great feature of this meter is its compatibility with the Koso chrome bullet casing.



BB552B70

METERS

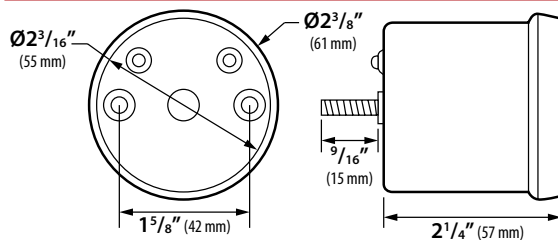
Parts included (kit includes everything needed for installation)

Specifications



Speedometer	Display range : 0 ~ 223 MPH (0 ~ 360 km/h) Display unit : MPH or km/h Internal display : < 0.5 second
Odometer	Display range : 0 ~ 99,999 miles (km)
Tripmeter A/B	Display range : 0 ~ 999.9 miles (km)
Tire circumference	Setting range : 300 ~ 2500 mm Setting unit : 1 mm Sensor point : 1 ~ 60
Fuel meter	Display range : 10 levels (1 level = 10%)
Fuel resistance	Setting range : 100 Ω / 510 Ω
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (D x W)	Ø 2 ³ / ₁₆ x 2 ¹ / ₄ " (Ø 55 x 57 mm)
Meter weight	± 6.70 oz (± 190 g)
Sensor type	Passive speed sensor : BF019005

Dimensions



Packaging



**Fits KOSO
bullet casing**



DL STYLE tachometer

Our DL Style tachometer features tach, thermometer and clock. It is built using a reverse LCD screen that gives it a unique look as they become completely dark when turned off. Another great feature of this meter is its compatibility with the Koso chrome bullet casing.



BA552B80

METERS

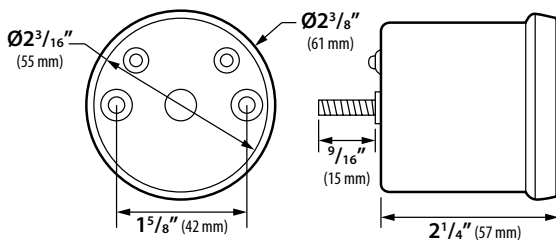
Parts included (kit includes everything needed for installation)

Specifications



Tachometer	Display range : 0 ~ 20,000 RPM Display unit : 100 RPM Internal display : < 0.5 second
Tachometer bar	Display range : 0 ~ 10,000/15,000/20,000 RPM alternative Display unit : 30 levels
Stroke / piston setting	2 stroke : 1, 3, 3, 4 pistons 4 stroke : 1, 2, 3, 4, 5, 6, 8, 10, 12 pistons
Digital water temperature	Display range : 32 ~ 248 °F (0 ~ 120 °C) Display unit : 0.1 °F (°C)
Temperature level	Display range : 68 ~ 248 °F (20 ~ 120 °C) Display unit : 1 level = 50 °F (10 °C) Internal display : < 0.5 second
Clock	Setting range : 24 H format
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (D x W)	Ø 2 ³ / ₁₆ x 2 ¹ / ₄ " (Ø 55 x 57 mm)
Meter weight	± 6.70 oz (± 190 g)
Sensor type	Temperature sensor : BF030000 1/8 (BSP) x 28

Dimensions



Packaging



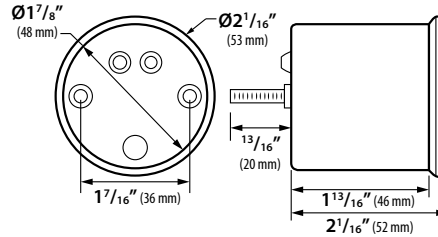
**Fits KOSO
bullet casing**



DL-01 meters

Koso's DL-01 meters use a reverse LCD display so when the meter is turned off, the screen is deep black. They are available in 3 versions; tachometer that can be programmed for 10K, 15K, 20K with recall function, thermometer with warning and volt meter.

Dimensions



Packaging



DL-01T water temp. meter



Parts included (kit includes everything needed for installation)



Specifications

Temperature bar	Display range : 32 ~ 500 °F (0 ~ 250 °C) Display unit : 1 level = ± 20 °F or ± 10 °C (alt)
Digital temperature	Display range : 32 ~ 500 °F (0 ~ 250 °C) Over temp will display HI Display unit : 1 °F or °C (alternative)
Warning	Display range : 140 ~ 482 °F (60 ~ 250 °C)
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (D x W)	Ø 1 $\frac{7}{8}$ x 2 $\frac{1}{16}$ " (Ø 48 x 52 mm)
Meter weight	± 4.13 oz (± 117 g)
Sensor type	Temperature sensor : BF030000 1/8 (BSP) x 28

DL-01V volt meter



BA484B30

DL-01R tachometer



BA484B00

Parts included (kit includes everything needed for installation)



Specifications

Volt bar	Display range : DC 8 ~ 19.9 V Display unit : 1 level = DC 0.66 V
Digital volt meter	Display range : DC 8 ~ 19.9 V Over voltage will display HI Display unit : DC 0.1 V
Warning	Display range : DC 8 ~ 12 V
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (D x W)	Ø 1 7/8 x 2 1/16" (Ø 48 x 52 mm)
Meter weight	± 4.13 oz (± 117 g)

Parts included (kit includes everything needed for installation)



Specifications

Tachometer	Display range : 0 ~ 10,000 / 15,000 / 19,900 RPM Display unit : 100 RPM Internal display : < 0.5 second
Max RPM record	Display range : 0 ~ 10,000 / 15,000 / 19,900 RPM
Stroke / piston setting	2 stroke : 1, 2, 3, 4 pistons 4 stroke : 1, 2, 3, 4, 5, 6, 8, 10, 12 pistons
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (DxW)	Ø 1 7/8 x 2 1/16" (Ø 48 x 52 mm)
Meter weight	± 4.13 oz (± 117 g)

DL-02S

GP Style speedometer

The DL-02S speedometer has been developed with the latest technology. Its unique casing allows the adjust buttons to be right in the front. This makes the DL-02S a very convenient instrument to adjust. The big digits and blue backlight make the DL-02S a very easy meter to read even at night.



BA555B18

CHROME CASING

BA555B15

BLACK CASING

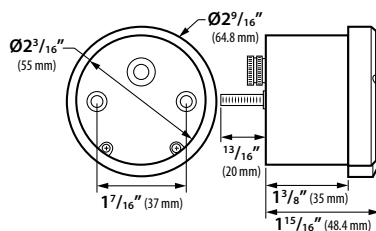
Parts included (kit includes everything needed for installation)

Specifications



Speedometer	Display range : 0 ~ 160 MPH (0 ~ 260 km/h) Display unit : MPH or km/h Internal display : < 0.5 second
Odometer	Display range : 0 ~ 99,999 miles (km) Reset automatically after 99,999 miles (km) Display unit : 1 mile (km)
Tripmeter A/B	Display range : 0 ~ 999.9 miles (km) Reset automatically after 999.9 miles (km) Display unit : 0.1 mile (km)
Tire circumference	Setting range : 300 ~ 2,500 mm Setting unit : 1 mm Pulse setting : 1 ~ 60
Top speed record	Display range : 0 ~ 160 MPH (0 ~ 260 km/h)
Average speed	Display range : 0 ~ 160 MPH (0 ~ 260 km/h)
Riding time	Setting range : 0 ~ 99'59"99 seconds
Fuel meter	Display range : 0 ~ 100%
Fuel resistance	Setting range : 100 Ω / 510 Ω / no display
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (D x W)	Ø 2 ³ / ₁₆ x 1 ¹⁵ / ₁₆ " (Ø 55 x 48.4 mm)
Meter weight	± 6.70 oz (± 190 g)
Sensor type	Passive speed sensor : BF019J06

Dimensions



**Fits KOSO
bullet casing**



Packaging

DL-02R

GP Style tachometer

The DL-02R tachometer has been developed with the latest technology. Its unique casing allows the adjust buttons to be right in the front. This makes the DL-02R a very convenient instrument to adjust. The big digits and blue backlight make the DL-02R a very easy meter to read even at night.



BA555B19

CHROME CASING

BA555B16

BLACK CASING

METERS

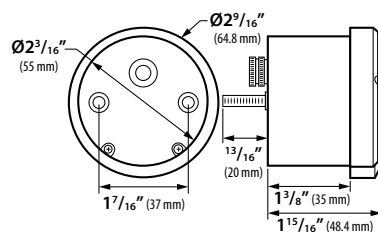
Parts included (kit includes everything needed for installation)

Specifications



Digital tachometer	Display range : 0 ~ 20,000 RPM Display unit : 100 RPM
Tachometer level	Display range : 0 ~ 10,000 / 15,000 / 20,000 RPM Display unit (30 level bar graph) : • 10,000 RPM : 1 level = 333 RPM • 15,000 RPM : 1 level = 500 RPM • 20,000 RPM : 1 level = 666 RPM Internal display : < 0.5 second
Stroke / piston setting	• 2 stroke : 1, 2, 3, 4 pistons • 4 stroke : 1, 2, 3, 4, 5, 6, 8, 10, 12 pistons
Thermometer A/B	Display range : 32 ~ 482 °F (0 ~ 250 °C) Display unit : 0.1 °F or °C (alternative) Internal display : < 0.5 second
Clock	Setting range : 24 H format
Effective temp. range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (D x W)	Ø 2 ³ / ₁₆ x 1 ¹⁵ / ₁₆ " (Ø 55 x 48.4 mm)
Meter weight	± 6.70 oz (± 190 g)
Sensor type	Temperature sensor : BF030000 1/8 (BSP) x 28

Dimensions



**Fits KOSO
bullet casing**



Packaging



DL-03SR

GP Style multifunction meter

The DL-03SR GP Style multifunction meter features 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 multifunction meter.



BB642W20

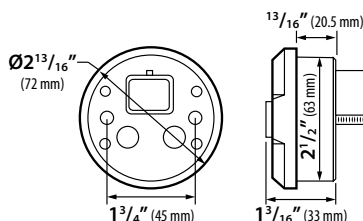
Parts included (kit includes everything needed for installation)



Specifications

Speedometer	Display range : 0 ~ 225 MPH (0 ~ 360 km/h) Display unit : MPH or km/h Internal display : < 0.5 second
Odometer	Display range : 0 ~ 99,999 miles (km) Reset automatically after 99,999 miles (km) Display unit : 1 mile (km)
Tripmeter A/B	Display range : 0 ~ 999.9 miles (km) Reset automatically after 999.9 miles (km) Display unit : 0.1 mile (km)
Fuel / Remaining distance	Display range : 0 ~ 999.9 miles (km) Display unit : 0.1 mile (km)
Tire circumference	Setting range : 300 ~ 2,500 mm Setting unit : 1 mm Sensor point : 1 ~ 60
Tachometer	Display range : 0 ~ 15,000 RPM Display unit : 1 level = 1,000 RPM
Fuel level	Display range : 4 levels The fuel symbol will flash when only 1 level is left.
Fuel resistance	Setting range : 100 Ω / 250 Ω / 510 Ω / 1,200 Ω
Clock	Setting range : 24 H format
Digital volt meter	Display range : DC 5 ~ 24 V Warning will flash when voltage is lower than DC 8 V or higher than DC 18 V.
Volt meter	Display range : 4 levels The volt symbol will flash when only 1 level is left.
Backlight brightness	Setting range : 1/5 (darkest) ~ 5/5 (brightest) Setting unit : 1 level = 20%
Indicator lights	<ul style="list-style-type: none"> • Turn signals • Neutral • High beam • Check engine • Oil level
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (D x W)	Ø 3 13/16 x 1 5/16" (Ø 72 x 33 mm)
Meter weight	± 8.47 oz (± 240 g)
Sensor type	Passive speed sensor : BF019J06

Dimensions



Packaging



D-64

speedometer

Our D-64 speedometer was especially made to save room on your dashboard. We were able to combine all basic functions on a 64 mm classic needle meter. This instrument can be installed on any type of vehicle that requires speed and indicator lights. Want something different? This is the right meter !



BB641B34

METERS

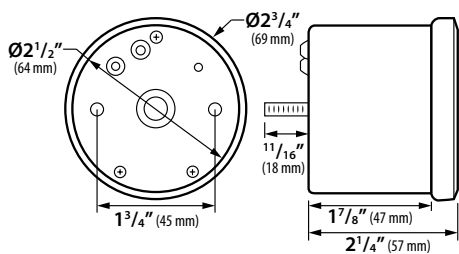
Parts included (kit includes everything needed for installation)

Specifications



Speedometer	Display range : 0 ~ 160 MPH Display unit : 1 MPH Internal display : < 0.5 second
Odometer	Display range : 99,999 miles Reset automatically after 99,999 miles Display unit : 1 mile
Tripmeter	Display range : 0 ~ 999.9 miles Reset automatically after 999.9 miles Display unit : 0.1 mile
Tire circumference	Setting range : 300 ~ 2,500 mm Setting unit : 1 mm Pulse setting : 1 ~ 60
Fuel level	Display range : 6 segment bar graph Display unit : 1 level = 16.6%
Fuel resistance	Setting range : 100 Ω / 510 Ω / no display
Indicator lights	<ul style="list-style-type: none">• Turn signals• Warning• Neutral• High beam• RPM shift light
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (D x W)	Ø 2 1/2 x 1 7/8" (Ø 64 x 47 mm)
Meter weight	± 6.70 oz (± 190 g)
Sensor type	Passive speed sensor : BF019005

Dimensions



Packaging



GP STYLE

tachometer with water temperature

This Koso meter features 9,000 RPM analog reading that uses illuminated needle. It is also equipped with a digital temperature reading that will provide you with the most crucial information you need about your motorcycle's engine.



BA551B22

BLACK FACE

BA551B23

WHITE FACE

Parts included (kit includes everything needed for installation)

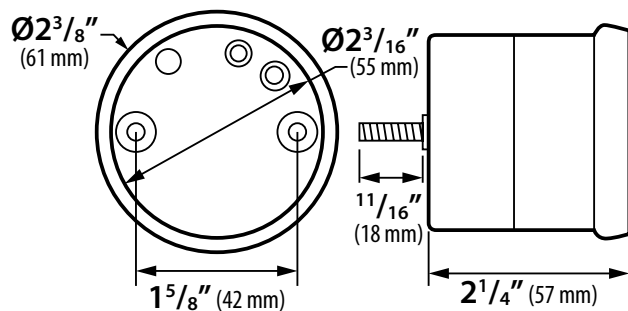
Specifications



Tachometer	Display range : 0 ~ 9,000 RPM Display unit : 100 RPM
Temperature	Display range : 32 ~ 250 °F (0 ~ 120 °C) Display unit : 0.1 °F or °C (alternative)
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (D x W)	Ø 1 ⁷ / ₈ x 2 ¹ / ₁₆ " (Ø 48 x 52 mm)
Meter weight	± 4.13 oz (± 117 g)
Sensor type	Temperature sensor BF030125

Dimensions

Packaging



**Fits KOSO
bullet casing**



GP II STYLE

tachometer

Get a faster RPM reading with this GP II Style tachometer ! Its upgraded internal motor allows the needle to respond faster and be more stable. The black background will allow you to see the warning light easily even under the sun. Compact, lightweight, this meter is perfect for all motorcycles.



BA486W00

METERS

Parts included (kit includes everything needed for installation)

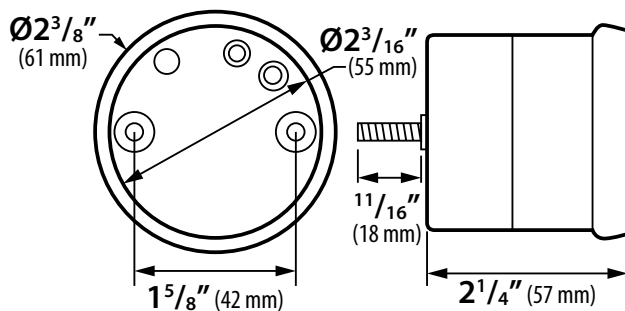
Specifications



Tachometer	Display range : 0 ~ 15,000 RPM Display unit : 500 RPM Display internal : < 0.5 second
Shift light	Setting range : 0 ~ 15,000 RPM Setting unit : 500 RPM
Maximum RPM record	Display range : 0 ~ 15,000 RPM
Stroke / piston settings	<ul style="list-style-type: none">• 2 stroke : 1, 2 pistons• 4 stroke : 1, 2, 3, 4 pistons
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (D x W)	Ø 1 7/8 x 2 1/16" (Ø 48 x 52 mm)
Meter weight	± 4.13 oz (± 117 g)

Dimensions

Packaging



HD-01S speedometer (km/h) for Harley-Davidson®

The HD-01S for Harley-Davidson® features a speedometer, an odometer, and a tripmeter. This instrument will fit the OEM speed sensor. Want something different? This is the right meter.



BB551B42

Parts included (kit includes everything needed for installation)



Optional part

Works with OEM Harley-Davidson® transmission speed sensor or Koso speed sensor **BF620000** for Harley-Davidson® (sold separately)

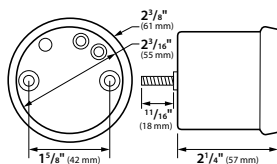
Specifications

Speedometer	Display range : 0 ~ 220 km/h Display unit : 1 km/h
Odometer	Display range : 0 ~ 99,999 km Reset after 99,999 km Display unit : 1 km
Tripmeter A/B	Display range : 0 ~ 999.9 km Reset after 999.9 km Display unit : 0.1 km
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (D x W)	Ø 2 ³ / ₁₆ x 2 ¹ / ₄ " (Ø 55 x 57 mm)
Meter weight	± 6.07 oz (± 190 g)

* **IMPORTANT** : Will not work with CANBUS system.

** **Speed sensor not included**

Dimensions



HD-01R tachometer (with oil pressure) for Harley-Davidson®

The HD-01R for Harley-Davidson® features a tachometer and oil pressure meter that serves as a warning function and could prevent damages from occurring to the motor. This meter features with a stepper motor and LCD screen.



BB551B20

Parts included (kit includes everything needed for installation)



Specifications

Tachometer	Display range : 0 ~ 9,000 RPM Display range : 100 RPM
Stroke / Piston setting	• 2 stroke : 1, 2, 3, 4 pistons • 4 stroke : 1, 2, 3, 4, 5, 6, 8, 10, 12 pistons
Oil pressure	Display range : 0 ~ 75 PSI
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (D x W)	Ø 2 ³ / ₁₆ x 2 ¹ / ₄ " (Ø 55 x 57 mm)
Meter weight	± 6.07 oz (± 190 g)

* **IMPORTANT** : Should be used with Harley-Davidson® sensor # 74438-99A (H-D® jumper wire oil pressure sensor #32806-00)

** **Some motorcycles might require adjustable RPM signal filter #BO035000 in order to work correctly**

*** **IMPORTANT** : Will not work with CANBUS system.

**Fits KOSO
bullet casing**



HD-02 meters

for Harley-Davidson®



Our R&D department worked hard to create something new and modern for Harleys. The engineers responded by coming up with a complete plug & play system to replace the stock meters. No need to drill holes or to rewire the meters, they will all fit directly in the OEM dash and connectors. Both silver and black bezel kits feature a dual color changeable LCD display (red or blue) for a custom look. The 6 piece kit includes a 4" speedometer, 4" tachometer with gear position, 2" oil pressure meter, 2" fuel level meter, a 2" volt meter and the choice of a 2" ambient temperature meter or 2" oil temperature meter. This meter is a great addition to all Harley FLHT, FLHX, and FLTR from 2004 to 2013. Want to enhance the look of your Harley? Koso has the plug & play solution for you!

* Fits Harley-Davidson® FLHT, FLHX & FLTR from 2004 to 2013.

** Gauges can be sold separately **



6 PIECE KIT WITH SILVER BEZEL
RED & BLUE CHANGEABLE LCD DISPLAY

With Ambient Air Temp. meter

BA050901

With Oil Temperature meter

BA050905



6 PIECE KIT WITH BLACK BEZEL
RED & BLUE CHANGEABLE LCD DISPLAY

With Ambient Air Temp. meter

BA050903

With Oil Temperature meter

BA050907



- Fits Harley-Davidson® FLHT, FLHX & FLTR from 2004 to 2013
- Plug & play
- Available with silver or black bezel
- Features a 2 color changeable LCD display
- Available in a 6 piece kit or individually

HD-02S 4" speedometer

Our plug & play speedometer is equipped with a 2 color changeable LCD display. This meter provides the basic function of speed, odometer and tripmeter. It also includes a clock and all the necessary indicator lights and is easy to connect and install.



BA051000

SILVER BEZEL

BA051010

BLACK BEZEL

RED & BLUE CHANGEABLE LCD DISPLAY

HD-02R 4" tachometer

Our plug & play 0 to 8,000 RPM meter is equipped with a 2 color changeable LCD display. Not only does this meter provide the engine RPM, it displays the gear position, cruise control and ABS indicator light as well.



BA051100

SILVER BEZEL

BA051110

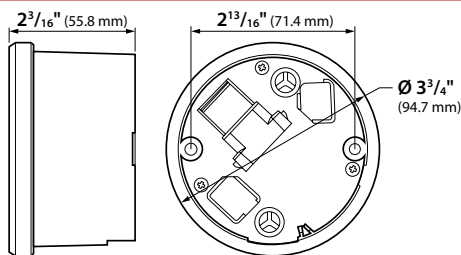
BLACK BEZEL

RED & BLUE CHANGEABLE LCD DISPLAY

Specifications

Digital speedometer	Display range : 0 ~ 225 MPH (0 ~ 360 km/h) Display unit : 1 MPH or km/h (alternative)
Speedometer graphic bar	Display range : 0 ~ 120 MPH (0 ~ 200 km/h) Display unit : ± 2.5 MPH (± 4.2 km/h)
Odometer	Display range : 0 ~ 999,999 miles (km) Display unit : 1 mile (km)
Tripmeter A/B	Display range : 0 ~ 9,999.9 miles (km) Display unit : 0.1 mile (km)
Clock	Setting range : 24 H format Accuracy : ± 4 seconds / day
Indicator lights	<ul style="list-style-type: none"> • N Neutral • Anti-theft • Check engine • Volt • Low fuel
Effective temp. range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (D x W)	$\varnothing 3\frac{3}{4} \times 2\frac{3}{16}$ " ($\varnothing 94.7 \times 55.8$ mm)

Dimensions



Specifications

Digital tachometer	Display range : 0 ~ 8,000 RPM
Tachometer graphic bar	Display range : 0 ~ 8,000 RPM Display unit : ± 166 RPM
Engine temperature	Display range : 0 ~ 255 °F (-17 ~ 123 °C)
Gear position	N, 1, 2, 3, 4, 5, 6
Indicator lights	<ul style="list-style-type: none"> • Cruise control • ABS
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (D x W)	$\varnothing 3\frac{3}{4} \times 2\frac{3}{16}$ " ($\varnothing 94.7 \times 55.8$ mm)

Packaging



HD-02P

2" oil pressure meter

This plug and play oil pressure meter is equipped with a 2 color changeable LCD display. It provides the engine oil pressure from 0 to 60 PSI and is extremely easy to connect and install.



BA050410

BA050430

SILVER BEZEL

BLACK BEZEL

RED & BLUE CHANGEABLE LCD DISPLAY

HD-02F

2" fuel level meter

This plug & play fuel meter is equipped with a 2 color changeable LCD display. It will precisely display the percentage of fuel left in the tank and is easy to connect and install.



BA050200

BA050210

SILVER BEZEL

BLACK BEZEL

RED & BLUE CHANGEABLE LCD DISPLAY

HD-02V

2" volt meter

This plug & play volt meter is equipped with a 2 color changeable LCD display. It will provide you the battery voltage from DC 8 to 16 volts. It's easy to connect and install.



BA050300

BA050310

SILVER BEZEL

BLACK BEZEL

RED & BLUE CHANGEABLE LCD DISPLAY

Specifications

Oil pressure indicator	Display range : 0 ~ 60 PSI Display unit : 1 PSI
Oil pressure indicator alarm	Display range : 5 ~ 60 PSI Display unit : 0.1 PSI
Effective temp. range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (D x W)	Ø 2 1/4" x 1 7/8" (Ø 57.5 x 47.3 mm)

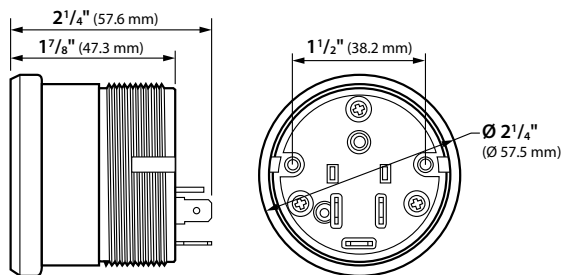
Specifications

Fuel meter	Display range : 0 ~ 100% Display unit : 1%
Effective temp. range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (D x W)	Ø 2 1/4" x 1 7/8" (Ø 57.5 x 47.3 mm)

Specifications

Volt meter	Display range : DC 8 ~ 16 V Display unit : DC 1 V
Effective temp. range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (D x W)	Ø 2 1/4" x 1 7/8" (Ø 57.5 x 47.3 mm)

Dimensions



Packaging



HD-02T

2" ambient air temp. meter

This plug & play ambient air temperature meter is equipped with a 2 color changeable LCD display. It will provide you with the outdoor temperature from 0 to 120 °F and is easy to connect and install.



HD-02OT

2" oil temperature meter

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.



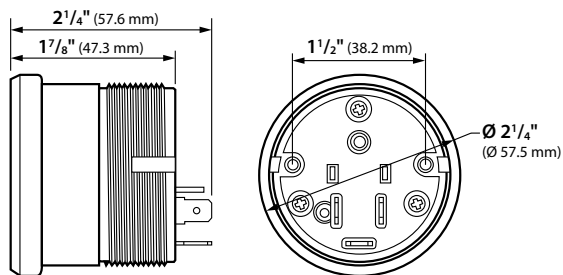
Specifications

Ambient air temp. meter	Display range : 0 ~ 120 °F Display unit : 1 °F
Ambient air temp. warning	Setting range : 15 ~ 65 °F Setting unit : 1 °F
Effective temp. range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (D x W)	Ø 2 1/4" x 1 7/8" (Ø 57.5 x 47.3 mm)

Specifications

Oil temp. meter	Display range : 0 ~ 400 °F (32 ~ 204 °C) Display range : 1 °F or °C (alternative)
Oil temp. warning	Setting range : 150 ~ 400 °F (66 ~ 204 °C) Setting unit : 1 °F (°C)
Effective temp. range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (D x W)	Ø 2 1/4" x 1 7/8" (Ø 57.5 x 47.3 mm)

Dimensions



Packaging



HD-03 meters

for Harley-Davidson®



Following the positive reviews we received from Harley enthusiasts, we decided to release the updated Baggers meter kit for touring models 2014 and up. This plug & play kit from Koso is now available to replace the stock meters without any hassle ! There is no need to drill holes or to rewire the meters, they will fit directly in the OEM dash and connectors. This kit features a dual color changeable LCD display (red or blue) for a custom look to fit your motorcycle. The HD-03 kit includes a multifunction speedometer, tachometer, volt meter, and a fuel level meter. If you're looking to enhance the look of your Harley, Koso has the plug & play solution for you !

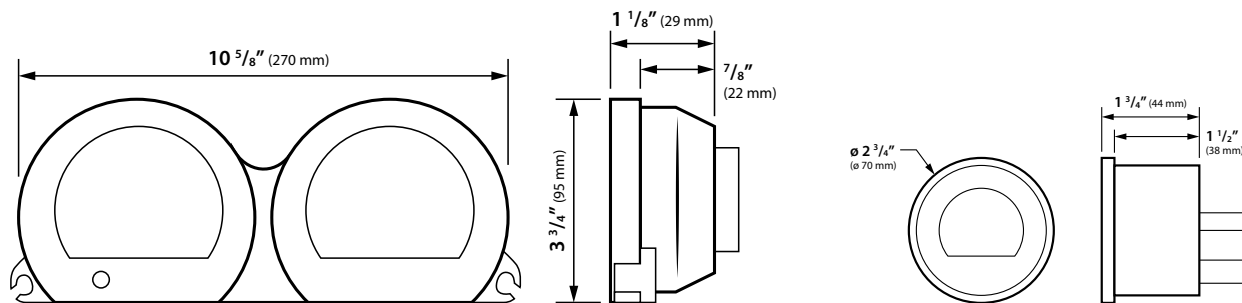
* Fits Harley-Davidson® FLHX, FLTC & FLTR from 2014 & up

BA064900

RED & BLUE CHANGEABLE LCD DISPLAY



Dimensions



Specifications

Speedometer	Display range : 0 ~ 199 MPH (0 ~ 299 km/h) Display unit : 1 MPH or km/h (alternative) Internal display : < 0.5 second	Fuel tank volume	Setting range : Off / 1 ~ 9.9 US gallons
Overspeed warning	Setting range : 19 ~ 199 MPH (30 ~ 299 km/h) When above setting value (including), the warning light will turn on	Average fuel consumption	Setting range : Off / L/100 km / km/L / MPG (US specs) / MPG (UK specs)
Maximum speed record	Display range : 0 ~ 199 MPH (0 ~ 299 km/h)	Range / Remaining mileage	Display range : 0 ~ 6,249 miles (0 ~ 9,999 km) Display unit : 1 mile (km)
Odometer	Display range : 0 ~ 999,999 miles (km) Display unit : 1 mile (km)	Range / Remaining mileage warning	Display range : LCD shows "LO RNG" Flashing as a warning when range / remaining mileage is lower than 10 miles (16 km)
Tripmeter A/B	Display range : 9,999.9 miles (km) Display unit : 0.1 mile (km)	Clock	Setting range : 12 H or 24 H format
Mileage maintenance	Setting range : Off / 300 ~ 10,000 miles (500 ~ 16,000 km) ~ -999 miles (km) Decrease according to the increasing total mileage Setting unit : 1 mile (km)	Oil temperature meter	Display range : 32 ~ 248 °F (0 ~ 400 °C) Display unit : 1 °F or °C (alternative)
Gear positions	Display range : Off, N, P, R, 1, 2, 3, 4, 5, 6	Max. oil temperature record	Display range : 32 ~ 248 °F (0 ~ 400 °C)
Tachometer	Display range : 0 ~ 9,990 RPM Display unit : 10 RPM	Volt meter	Display range : DC 8 ~ 18 V
RPM shift light	Display range : 2,000 ~ 8,000 RPM Warning lights on when exceed setting value (including)	Digits brightness	Setting range : 1/5 (darkest) ~ 5/5 (brightest)
Maximum rotating speed	Display range : 0 ~ 8,000 RPM Setting unit : 100 RPM	Indicator lights	<ul style="list-style-type: none"> • Turn signals • Water temperature • Photometric sensing • Warning light • Oil level • Check engine • High beam • Fog light • Constant speed • ABS • Anti-theft
Engine Temperature	Display range : -40 ~ 572 °F (-40 ~ 300 °C)	Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Fuel meter	Display range : HD Std / Cust	Effective voltage	DC 12 V
Fuel warning setting	Setting range : <ol style="list-style-type: none"> 1. HD Standard : LCD flashes as a warning when fuel level resistance is greater than 211 Ω, and will turn off when smaller than 187 Ω 2. HD Customize : LCD flashes as a warning when fuel level resistance is lower than 20%, and will turn off when higher than 30% 	Meter standard	JIS D 0203 S2
		Meter size (L x W x H or D x W)	4" meter : 10 ³ / ₈ " x 1 ¹ / ₈ " x 3 ³ / ₄ " (270 x 29 x 95 mm) 2" meter : Ø 2 ³ / ₄ " x 1 ³ / ₄ " (Ø 70 x 44 mm)
		Meter weight	4" meter : ± 286 g 2" meter : ± 81 g

Installed



NEW

HD-04 meter for Harley-Davidson®



You can now customize your sportster with our high-quality plug & play meter that is equipped with a 8 color changeable LCD display. Its stepper motor provides a precise and fast response so that you can get accurate real time information. 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, this is a great modern update for your sportster.

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

BA051201

SILVER BEZEL

BA051211

BLACK BEZEL

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

BA051221

SILVER BEZEL

BA051231

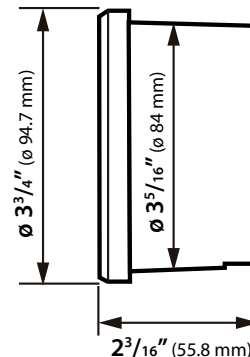
BLACK BEZEL

* Fits Harley 3³/₈" stock meter mounting cup models

Parts included



Dimensions



Packaging



HARLEY-DAVIDSON® PARTS

Specifications

Installed

Tachometer	Display range : 0 ~ 8,000 RPM
RPM shift light	Setting range : 2,000 ~ 8,000 RPM Warning lights on when exceed setting value Setting unit : 100 RPM
Maximum RPM warning mode	Setting range : • Light on (F-OFF) • Flash (F-ON)
Speedometer	Display range : 0 ~ 225 MPH (0 ~ 360 km/h) Display unit : 1 MPH or km/h (alternative)
Odometer	Display range : 0 ~ 999,999 miles (km) Display unit : 1 mile (km)
Tripmeter A/B	Display range : 0 ~ 9,999.9 miles (km) Display unit : 0.1 mile (km)
Tire circumference	Setting range : 50 ~ 210% Setting unit : 1%
Engine temperature	Setting range : -40 ~ 419 °F (-40 ~ 215 °C)
Fuel level	Display range : 6 levels Display unit : 1 level = 16.67%
Clock	Setting range : 12 H or 24 H format
Volt meter	Display range : DC 8 ~ 18 V
Gear position	Display range : N, 1, 2, 3, 4, 5, 6
Indicator lights	<ul style="list-style-type: none"> • ● RPM shift light • ● Low fuel • ● Check engine • ● Volt • ● Anti-theft • ● Cruise control • ● ABS
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (D x W)	Ø 3 ³ / ₄ x 2 ³ / ₁₆ " (Ø 94.7 x 55.8 mm)
Meter weight	5.82 oz (165 g)



Eight color changeable display



NEW**COMING SOON**

HD-05

multifunction meter

for Harley-Davidson®

The all-new 100% plug and play HD-05 series for 4 1/2" 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. This plug and play kit fits directly into the stock harness and works directly in relation with your bikes CANBUS system.

**BA072000****BA072100**

2004 to 2013 models

2014 + models

Installed



Fitment

BA072000*

2004 to 2011 Dyna models

2004 to 2010 Softails models

2004 to 2013 Road King models

BA072100*

2012 to newer Dyna models

2011 to newer Softails models

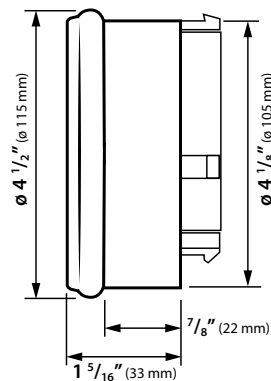
2014 to newer Road King models

* With 5" gauge on gas tank








Eight color changeable display



Dimensions

**HARLEY-DAVIDSON® PARTS**

Specifications

Speedometer	Display range : 0 ~ 225 MPH (0 ~ 360 km/h) alternative Display unit : 1 MPH or km/h (alternative) Internal display : < 0.5 second
Odometer	Display range : 0 ~ 999,999 miles (km) Returns to zero upon exceeded Display unit : 1 mile (km)
Tripmeter A/B	Display range : 0 ~ 9,999.9 miles (km) Returns to zero upon exceeded Display unit : 0.1 mile (km)
Tire circumference	Setting range : 50 ~ 210% Setting unit : 1%
Gear meter	Display range : Off / N / 1 ~ 6
Tachometer	Display range : 0 ~ 8,000 RPM
RPM shift light	Setting range : 2,000 ~ 8,000 RPM Warning lights on when exceeding setting value (including) Setting unit : 100 RPM
Max RPM warning mode	Setting range : • Light on (F-OFF) • Flash (F-ON)
Engine temperature	Setting range : -40 ~ 419 °F (-40 ~ 215 °C)
Fuel level	Display range : 6 levels
Fuel tank volume	Setting range : OFF / 1 ~ 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 H format
Voltmeter	Display range : DC 8 ~ 18 V
Backlight brightness	Setting range : 1/5 (darkest) / 5/5 (brightest)
Backlight colors	Setting range : Red / Orange / Yellow / Green / Blue / Indigo / Purple / White
Mileage maintenance	Setting range : Off / 300 ~ 10,000 miles (500 ~ 16,000 km) Automatic decrease according to the increase of total mileage Setting unit : 100 miles (km)
Remaining mileage	Display range : 0 ~ 9,999 miles (km) When mileage is lower than 10 miles (16 km), will display LO RNG
Indicator lights	<ul style="list-style-type: none"> •  RPM shift light •  Low fuel •  Check engine •  Volt •  Anti-theft •  Cruise •  ABS
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (D x W)	Ø 4 ⁵ / ₈ x 1 ³ / ₄ " (Ø 117 x 45 mm)
Meter weight	7.36 oz (208.5 g)

DL STYLE

speedometer
for Harley-Davidson®

Our DL Style speedometer features speed, tripmeter and fuel level. It is built using a reverse LCD screen that gives it a unique look as they become completely dark when turned off. Another great feature of this meter is its compatibility with the Koso chrome bullet casing.



BB552B70-HD

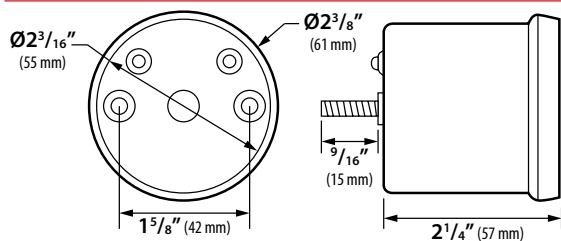
Parts included (kit includes everything needed for installation)



Specifications

Speedometer	Display range : 0 ~ 223 MPH (0 ~ 360 km/h) Display unit : MPH or km/h Internal display : < 0.5 second
Odometer	Display range : 0 ~ 99,999 miles (km)
TripmeterA/B	Display range : 0 ~ 999.9 miles (km)
Tire circumference	Setting range : 300 ~ 2500 mm Setting unit : 1 mm Sensor point : 1 ~ 60
Fuel meter	Display range : 10 levels (1 level = 10%)
Fuel resistance	Setting range : 100 Ω / 510 Ω
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (D x W)	Ø 2 ³ / ₁₆ x 2 ¹ / ₄ " (Ø 55 x 57 mm)
Meter weight	± 6.70 oz (± 190 g)

Dimensions



Packaging



**Fits KOSO
bullet casing**



DL STYLE tachometer for Harley-Davidson®

Our DL Style tachometer features tach, thermometer and clock. It is built using a reverse LCD screen that gives it a unique look as they become completely dark when turned off. Another great feature of this meter is its compatibility with the Koso chrome bullet casing.



BA552B80-HD

HARLEY-DAVIDSON® PARTS

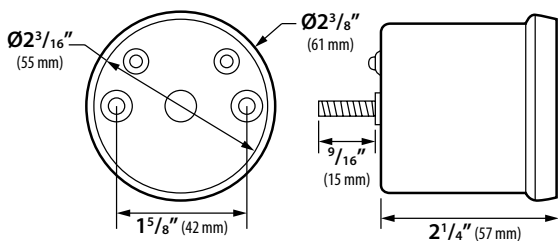
Parts included (kit includes everything needed for installation)



Specifications

Tachometer	Display range : 0 ~ 20,000 RPM Display unit : 100 RPM Internal display : < 0.5 second
Tachometer bar	Display range : 0 ~ 10,000/15,000/20,000 RPM alternative Display unit : 30 levels
Stroke / piston setting	2 stroke : 1, 3, 3, 4 pistons 4 stroke : 1, 2, 3, 4, 5, 6, 8, 10, 12 pistons
Digital water temperature	Display range : 32 ~ 248 °F (0 ~ 120 °C) Display unit : 0.1 °F (°C)
Temperature level	Display range : 68 ~ 248 °F (20 ~ 120 °C) Display unit : 1 level = 50 °F (10 °C) Internal display : < 0.5 second
Clock	Setting range : 24 H format
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (D x W)	Ø 2 ³ / ₁₆ x 2 ¹ / ₄ " (Ø 55 x 57 mm)
Meter weight	± 6.70 oz (± 190 g)
Sensor type	Temperature sensor : BF030000 1/8 (BSP) x 28

Dimensions



Packaging



**Fits KOSO
bullet casing**

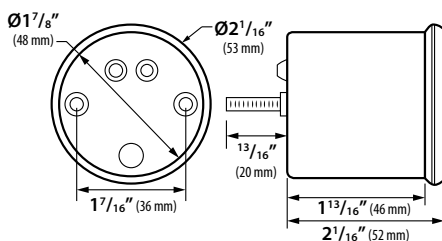


DL-01 meters

for Harley-Davidson®

Our DL-01 meters are built using a reverse LCD screen that gives them a unique look as they become completely black when turned off. They are available in 3 versions; tachometer that can be programmed for 10K, 15K, 20K with recall function, thermometer with warning and volt meter.

Dimensions



Packaging



DL-01T

water temp. meter

for Harley-Davidson®



BA484B20-HD

Parts included (kit includes everything needed for installation)



Specifications

Temperature bar	Display range : 32 ~ 500 °F (0 ~ 250 °C) Display unit : 1 level = ± 20 °F or ± 10 °C (alt)
Digital temperature	Display range : 32 ~ 500 °F (0 ~ 250 °C) Over temp will display HI Display unit : 1 °F or °C (alternative)
Warning	Display range : 140 ~ 482 °F (60 ~ 250 °C)
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (D x W)	$\text{Ø} 1\frac{7}{8} \times 2\frac{1}{16}"$ ($\text{Ø} 48 \times 52 \text{ mm}$)
Meter weight	± 4.13 oz (± 117 g)
Sensor type	Temperature sensor : BF030000 1/8 (BSP) x 28

DL-01V

volt meter
for Harley-Davidson®



BA484B30-HD

DL-01R

tachometer
for Harley-Davidson®



BA484B00-HD

Parts included (kit includes everything needed for installation)



Specifications

Volt bar	Display range : DC 8 ~ 19.9 V Display unit : 1 level = DC 0.66 V
Digital volt meter	Display range : DC 8 ~ 19.9 V Over voltage will display HI Display unit : DC 0.1 V
Warning	Display range : DC 8 ~ 12 V
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (D x W)	Ø 1 7/8 x 2 1/16" (Ø 48 x 52 mm)
Meter weight	± 4.13 oz (± 117 g)

Parts included (kit includes everything needed for installation)



Specifications

Tachometer	Display range : 0 ~ 10,000 / 15,000 / 19,900 RPM Display unit : 100 RPM Internal display : < 0.5 second
Max RPM record	Display range : 0 ~ 10,000 / 15,000 / 19,900 RPM
Stroke / piston setting	2 stroke : 1, 2, 3, 4 pistons 4 stroke : 1, 2, 3, 4, 5, 6, 8, 10, 12 pistons
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (DxW)	Ø 1 7/8 x 2 1/16" (Ø 48 x 52 mm)
Meter weight	± 4.13 oz (± 117 g)

DL-02S

GP Style speedometer

for Harley-Davidson®

This version of our DL-02S has been adapted to function with the Harley-Davidson® speed sensor on transmission. It features a speedometer, odometer, tripmeter, and fuel meter. Its unique casing with buttons on front allows an easy and convenient adjustment and the black digits with blue LCD illuminated backlight allows a great visibility.



BA555B18-HD **BA555B15-HD**

CHROME CASING

BLACK CASING

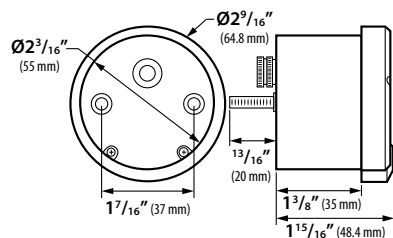
Parts included (kit includes everything needed for installation)

Specifications



Speedometer	Display range : 0 ~ 160 MPH (0 ~ 260 km/h) Display unit : MPH or km/h Internal display : < 0.5 second
Odometer	Display range : 0 ~ 99,999 miles (km) Reset automatically after 99,999 miles (km) Display unit : 1 mile (km)
Tripmeter A/B	Display range : 0 ~ 999.9 miles (km) Reset automatically after 999.9 miles (km) Display unit : 0.1 mile (km)
Tire circumference	Setting range : 300 ~ 2,500 mm Setting unit : 1 mm Pulse setting : 1 ~ 60
Top speed record	Display range : 0 ~ 160 MPH (0 ~ 260 km/h)
Average speed	Display range : 0 ~ 160 MPH (0 ~ 260 km/h)
Riding time	Setting range : 0 ~ 99'59"99 seconds
Fuel meter	Display range : 0 ~ 100%
Fuel resistance	Setting range : 100 Ω / 510 Ω / no display
Effective temp. range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (D x W)	Ø 2 ³ / ₁₆ x 1 ¹⁵ / ₁₆ " (Ø 55 x 48.4 mm)
Meter weight	± 6.70 oz (± 190 g)

Dimensions



**Fits KOSO
bullet casing**



Packaging



DL-02R

GP Style tachometer

for Harley-Davidson®

This version of our DL-02R has been specially adapted to Harley-Davidson®. It features a speedometer, odometer, tripmeter, and fuel meter. Its unique casing with buttons on front allows an easy and convenient adjustment and the black digits with blue LCD illuminated backlight allows a great visibility.



BA555B19

CHROME CASING

BA555B16

BLACK CASING

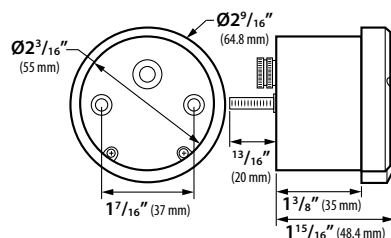
Parts included (kit includes everything needed for installation)

Specifications



Digital tachometer	Display range : 0 ~ 20,000 RPM Display unit : 100 RPM
Tachometer level	Display range : 0 ~ 10,000 / 15,000 / 20,000 RPM Display unit (30 level bar graph) : • 10,000 RPM : 1 level = 333 RPM • 15,000 RPM : 1 level = 500 RPM • 20,000 RPM : 1 level = 666 RPM Internal display : < 0.5 second
Stroke / piston setting	• 2 stroke : 1, 2, 3, 4 pistons • 4 stroke : 1, 2, 3, 4, 5, 6, 8, 10, 12 pistons
Thermometer A/B	Display range : 32 ~ 482 °F (0 ~ 250 °C) Display unit : 0.1 °F or °C (alternative) Internal display : < 0.5 second
Clock	Setting range : 24 H format
Effective temp. range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (D x W)	Ø 2 ³ / ₁₆ x 1 ¹⁵ / ₁₆ " (Ø 55 x 48.4 mm)
Meter weight	± 6.70 oz (± 190 g)
Sensor type	Temperature sensor : BF030000 1/8 (BSP) x 28

Dimensions



Packaging

**Fits KOSO
bullet casing**



TNT-01R

tachometer 8,000 RPM

for Harley-Davidson®

Built with the best components and strongest stepper motor on the market, this TNT-01R tachometer is the perfect addition for all Harley-Davidson® and metric motorcycles. Its large dial face and backlight make it easy to read all day long. Available in black casing and white dial face with black casing and white dial face with chrome casing.



BA035112

BLACK CASING
BLACK FACE

BA035102

CHROME CASING
WHITE FACE

Parts included (kit includes everything needed for installation)

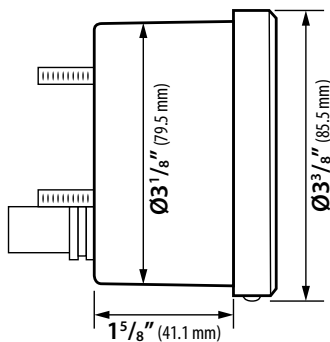
Specifications



Tachometer	Display range : 0 ~ 8,000 RPM Internal display : < 0.5 second
RPM input signal number	Setting range : 0.5, 1 ~ 6
RPM input pulse	Setting range : • HI-ACT (positive wave pulse) • LO-ACT (negative wave pulse)
Backlight brightness	Setting range : 1/5 (darkest) ~ 5/5 (brightest)
Effective temp. range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (D x W)	Ø 3 1/8 x 1 5/8" (Ø 79.5 x 41.1 mm)
Meter weight	± 11.64 oz (± 330 g)

Dimensions

Packaging



**Optional
TNT bracket
(not included)**



TNT-01S

speedometer *for Harley-Davidson®*

Our TNT multifunction speedometer is the perfect meter for all the Harley's. It uses a stepper motor for a fast and smooth response. The instrument features many functions such as, speed, odometer, tripmeter, fuel meter, clock, voltage, indicator lights and more... This meter is available in black or white face and functions with the Harley-Davidson® speed sensor on transmission.



BA035170-HD **BA035160-HD**

BLACK CASING
BLACK FACE

CHROME CASING
WHITE FACE

Parts included (kit includes everything needed for installation)

Specifications



**Optional TNT bracket
(not included)**



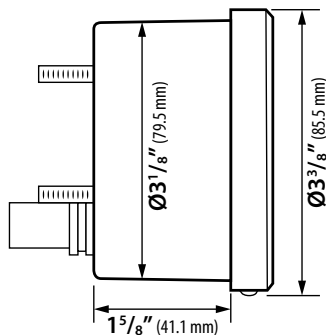
**Optional transmission
speed sensor for
Harley-Davidson®
(not included)**



Digital speedometer	Display range : 0 ~ 225 MPH (0 ~ 360 km/h) Display unit : 1 MPH or km/h (alternative) Internal display : < 0.5 second
Needle speedometer	Display range : 0 ~ 140 MPH (km/h)
Maximum speed record	Digital speed : 0 ~ 225 MPH (0 ~ 360 km/h) Needle speed : 0 ~ 140 MPH (km/h)
Odometer	Display range : 0 ~ 99,999 miles (km) Reset automatically after 99,999 miles (km) Display unit : 1 mile (km)
Tripmeter A/B	Display range : 999.9 miles (km) Reset automatically after 999.9 miles (km) Display unit : 0.1 mile (km)
Tire circumference	Setting range : 300 ~ 2,500 mm Setting unit : 1 mm Sensitive point : 1 ~ 20
Oil maintenance mileage	Display range : 0 ~ 99,999 miles (km) Display unit : 1 mile (km)
Fuel meter	Display range : 6 levels Display unit : 1 level = 16.6%
Fuel resistance	Setting range : 100 Ω / 250 Ω / 510 Ω / 1,200 Ω / SW
Clock	Setting range : 24 H format
Volt meter	Display range : DC 8 ~ 18 V Flashing warning when voltage is lower than DC 11.5 V or higher than DC 15.5 V
Backlight brightness	Display range : 1/5 (darkest) ~ 5/5 (brightest)
Indicator lights	<ul style="list-style-type: none"> • Turn signals • Warning • Neutral • High beam
Effective temp. range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (D x W)	Ø 3 1/8 x 1 5/8" (Ø 79.5 x 41.1 mm)
Meter weight	± 11.64 oz (± 330 g)
Sensor type	Passive speed sensor : BF019005

Dimensions

Packaging



TNT-01

multifunction meter

for Harley-Davidson®

Our TNT-01 multifunction meter is the perfect meter for all Harley's. It uses a stepper motor for a fast and smooth response. The instrument features many functions such as speed, odometer, tripmeter, RPM, fuel meter, clock, voltage, shift light, indicator light and more... This meter is available in black or white face and functions with the Harley-Davidson® speed sensor on transmission.



BA035K00-HD

BLACK CASING
BLACK FACE

BA035W00-HD

CHROME CASING
WHITE FACE

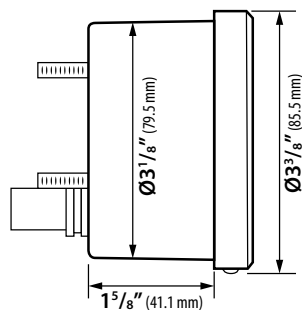
Parts included (kit includes everything needed for installation)



Specifications

Speedometer	Display range : 0 ~ 225 MPH (0 ~ 360 km/h) Display unit : MPH or km/h Internal display : < 0.5 second
Odometer	Display range : 0 ~ 99,999 miles (km) Reset automatically after 99,999 miles (km) Display unit : 1 mile (km)
Tripmeter A/B	Display range : 0 ~ 999.9 miles (km) Reset automatically after 999.9 miles (km) Display unit : 0.1 mile (km)
Tire circumference	Setting range : 300 ~ 2,500 mm Setting unit : 1 mm • Sensitive point : 1 ~ 20
Tachometer	Display range : 0 ~ 10,000 RPM
Shift light	Setting range : 8,000 ~ 10,000 RPM Setting unit : 100 RPM
Warning (shift light)	Setting range : Light on (F-OFF), Flash (F-ON)
RPM input signal number	Setting range : 0.5, 1 ~ 24
RPM input pulse	Setting range : • HI-ACT (positive wave pulse) • LO-ACT (negative wave pulse)
Fuel meter	Display range : 6 levels (1 level = 16.6%)
Fuel resistance	Setting range : 100 Ω / 250 Ω / 510 Ω / 1,200 Ω / SW
Clock	Setting range : 24 H format
Volt meter	Display range : DC 8 ~ 18 V Flashing warning when voltage is lower than DC 11.5 V or higher than DC 15.5 V
Backlight brightness	Setting range : 1/5 (darkest) ~ 5/5 (brightest)
Indicator lights	<ul style="list-style-type: none"> • ◀▶ Turn signals • ⚡ High beam • ⚠ Warning • ● RPM shift light • N Neutral
Effective temp. range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (D x W)	Ø 3 1/8 x 1 5/8" (Ø 79.5 x 41.1 mm)
Meter weight	± 11.64 oz (± 330 g)

Dimensions



Packaging



Fits KOSO
bullet casing

TNT-02

multifunction meter

for Harley-Davidson®

This version of our TNT-02 meter is especially made for Harley-Davidson® as it uses the factory speed sensor on the transmission. It has many functions such as; speed, odometer, tripmeter, RPM, fuel level, indicator lights and more. Its strong stepper motor allow the reading to be fast and smooth for the best in-time response you can have and its adjustable backlight brightness makes it very easy to read !








BA058100-HD

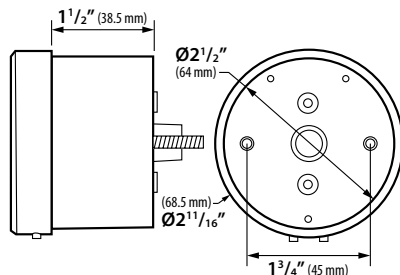
Parts included (kit includes everything needed for installation)

Specifications



Speedometer	Display range : 0 ~ 225 MPH (0 ~ 360 km/h) Display unit : MPH or km/h alternative Internal display : < 0.5 second
Odometer	Display range : 0 ~ 99,999 miles (km) Reset automatically after 99,999 miles (km) Display unit : 1 mile (km)
Tripmeter A/B	Display range : 0 ~ 999.9 miles (km) Reset automatically after 999.9 miles (km) Display unit : 0.1 mile (km)
Tire circumference	Setting range : 300 ~ 2,500 mm Setting unit : 1 mm Sensitive point : 1 ~ 20
Tachometer	Display range : 0 ~ 10,000 RPM
Shift light	Setting range : 5,000 ~ 20,000 RPM Setting unit : 100 RPM
Warning	Setting range : Light on (F-OFF), Flash (F-ON)
RPM input signal nb setting	Setting range : 0.5, 1 ~ 6
RPM input pulse	Setting range : • HI-ACT (positive wave pulse) • LO-ACT (negative wave pulse)
Fuel meter	Display range : 0 ~ 100% • Display unit : 1%
Clock	Setting range : 24 H format
Backlight brightness	Setting range : 1/5 (darkest) ~ 5/5 (brightest) Setting unit : 20%
Indicator lights	<ul style="list-style-type: none"> •  Turn signals •  Warning •  Neutral •  High beam •  RPM shift light
Effective temp. range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (D x W)	Ø 2 1/2 x 1 1/2" (Ø 64 x 38.5 mm)
Meter weight	± 11.64 oz (± 330 g)

Dimensions



Packaging

**Optional
TNT bracket
(not included)**



D1-OLED

multifunction meter

for Harley-Davidson®

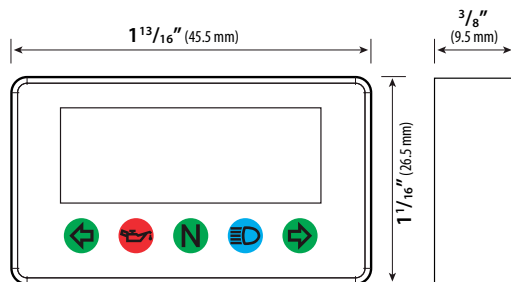
Our D1 meter is one of the first after-market meter using the OLED technology ! You can finally have more information on a super slim compact meter. Scroll through the numerous screens by simply pushing the external thumb switch. Built with advance technology that allows you to see the display from almost any angle, this D1-OLED meter is the perfect item for your unique custom bike.



Parts included (kit includes everything needed for installation)



Dimensions



Packaging



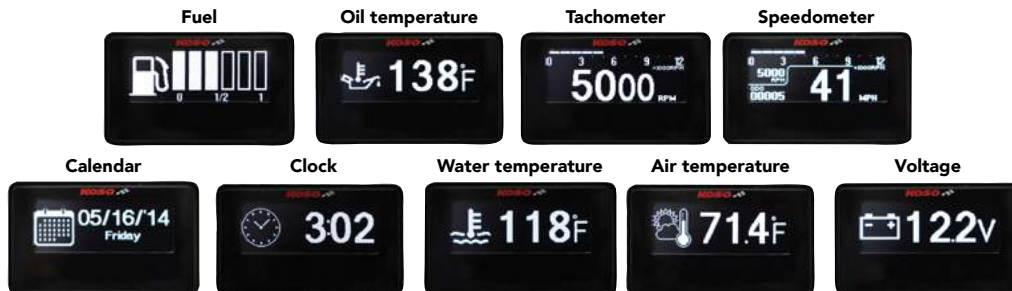
Optional D1-OLED bracket (not included)



Specifications

Speedometer	Display range : 0 ~ 225 MPH (0 ~ 360 km/h) Display unit : 1 MPH or km/h (alternative) Internal display : < 0.5 second	Thermometer (Air)	Display range : -4 ~ 140 °F (-20 ~ 60 °C) Display unit : • < 100 °F (°C) = 0.1 °F (°C) • ≥ 100 °F (°C) = 1 °F (°C) Display --- °F (--- °C) if temperature sensor is not connected.
Odometer	Display range : 0 ~ 99,999.9 miles (km) Reset automatically after 99,999.9 miles (km) Display unit : 1 mile (km)	Low temperature warning (Air)	Setting range : 14 ~ 68 °F (-10 ~ 20 °C) Setting unit : 1 °F (°C) When the value is lower than the set value, the symbol will flash as a warning
Tripmeter A/B	Display range : 0 ~ 999.9 miles (km) Reset automatically after 999.9 miles (km) Display unit : 0.1 mile (km)	Fuel Level	Display range : 6 levels Display unit : 1 level = 16.6% Setting range : 100 Ω / 250 Ω / 510 Ω / 1200 Ω / SW
Speeding warning	Setting range : 19 ~ 225 MPH (30 ~ 360 km/h) Setting unit : 1 MPH (km/h)	Low fuel meter warning	Setting range : 0 ~ 3 Setting unit : 1 When the value is lower than the set value, the symbol will flash as a warning
Tire circumference	Setting range : 300 ~ 2,500 mm Setting unit : 1 mm Sensitive point : 1 ~ 20	Clock	Setting range : 24 H format
Digital tachometer	Display range : 0 ~ 20,000 RPM Display unit : 10 RPM	Digital volt meter	Display range : DC 8 ~ 18 V Display unit : DC 0.1 V
Tachometer level	Display range : 0 ~ 8,000 / 12,000 / 16,000 RPM Display unit : • 8,000 RPM : 1 level = 500 RPM • 12,000 RPM : 1 level = 500 RPM • 16,000 RPM : 1 level = 1,000 RPM Internal display : < 0.5 second	Low voltage	Setting range : DC 8 ~ 18 V Setting unit : DC 0.1 V When the value is lower than the set value, the symbol will flash as a warning
RPM shift	Setting range : 1,000 ~ 20,000 RPM Setting unit : 100 RPM	Brightness	Setting range : 1/5 (darkest) ~ 5/5 (brightest) Setting unit : 1 level = 20%
RPM input signal number setting	Setting range : 0.5, 1 ~ 24	Indicator lights	<ul style="list-style-type: none"> ↔ Turn signals ↔ Oil level N Neutral ⊞ High beam
RPM input pulse	Setting range : • HI-ACT (positive wave pulse) • Lo (negative wave pulse)	Effective temp. range	14 ~ 140 °F (-10 ~ 60 °C)
Thermometer unit	Display unit : °F or °C (alternative)	Effective voltage	DC 12 V
Thermometer (Water & Oil)	Display range : 32 ~ 482 °F (0 ~ 250 °C) Setting unit : • < 100 °F (°C) = 0.1 °F (°C) • ≥ 100 °F (°C) = 1 °F (°C)	Meter standard	JIS D 0203 S2
Temperature warning (Water & Oil)	Setting range : 140 ~ 482 °F (60 ~ 250 °C) Setting unit : 1 °F (°C) When the value is higher than the set value, the symbol will flash as a warning	Meter size (L x W x H)	1 ¹³ / ₁₆ x 3 ³ / ₈ x 1 ¹ / ₁₆ " (45.5 x 9.5 x 26.5 mm)
		Meter weight	± 0.78 oz (± 22 g)

Records



Application list

Model	Year	Model	Year	Model	Year
1200 Nightster XL1200N	2009-2012	Dyna Street Bob FXDB	2009	Softail Standard FXST	2007
50th Anniversary Sportster XL50	2007	Dyna Super Glide Custom FXDC	2007-2009	Sportster 1200 Custom XL1200C	2007-2013
Cross Bones FLSTSB	2010	Dyna Super Glide FXD	2007-2009	Sportster 1200 Low XL1200L	2007-2011
Custom Vehicle Operations Dyna FXDSE	2007	Dyna Wide Glide FXDWG	2007-2008	Sportster 1200 Nightster XL1200N	2007-2008
Custom Vehicle Operations Dyna FXDSE2	2008	Electra Glide Classic FLHTC	2007-2013	Sportster 1200 Roadster XL1200R	2007-2008
CVO Dyna Fat Bob FXDFSE	2009	Electra Glide Standard FLHT	2007-2009	Sportster 883 Custom XL 883C	2007-2009
CVO Fat Bob FXDFSE2	2010	Electra Glide Ultra Limited FLHTK	2010-2013	Sportster 883 Low XL 883L	2010
CVO Road Glide Custom FLTRXSE	2012	Fat Bob FXDF	2008, 2010-2011	Sportster 883 XL 883	2007-2008
CVO Road Glide Custom FLTRXSE2	2013	Fat Boy FLSTF	2007-2010	Sportster 883L XL 883L	2007-2009
CVO Road Glide FLTRSE3	2009	Fat Boy Lo FLSTFB	2010	Sportster 883R XL 883R	2007
CVO Road Glide Ultra FLTRUSE	2011	Forty Eight XL1200X	2010-2013	Sportster XR1200 XR 1200	2009
CVO Road King FLHRSE3	2007	Heritage Softail Classic FLSTC	2007-2010	Street Bob FXDB	2007-2008, 2010-2011
CVO Road King FLHRSE4	2008	Iron 883 XL883N	2009-2013	Street Glide FLHX	2007-2013
CVO Road King FLHRSE5	2013	Night Rod Special VRSCDX	2010-2017	Street Glide Trike FLHXXX	2010-2011
CVO Softail Convertible FLTSE	2010	Night Train FXSTB	2007-2009	Super Glide Custom FXDC	2010-2011
CVO Softail Springer FXSTSSE	2007	Road Glide Custom FLTRX	2010-2013	Super Glide FXD	2010
CVO Softail Springer FXSTSSE2	2008	Road Glide FLTR	2007-2009	SuperLow XL 883L	2011-2013
CVO Softail Springer FXSTSSE3	2009	Road Glide Ultra FLTRU	2011-2013	Tri Glide Ultra Classic FLHTCUTG	2009-2013
CVO Street Glide FLHXSE	2010	Road King Classic FLHRC	2007-2013	Ultra Classic Electra Glide FLHTCU	2007-2013
CVO Street Glide FLHXSE2	2011	Road King Custom FLHRS	2007	V Rod VRSCAW	2010
CVO Street Glide FLHXSE3	2012	Road King FLHR	2007-2013	VRSCAW V Rod VRSCAW	2007-2009
CVO Ultra Classic Electra Glide FLHTCUSE2	2007	Rocker C FXCWC	2010	VRSCD Night Rod VRSCD	2007-2008
CVO Ultra Classic Electra Glide FLHTCUSE3	2008	Seventy Two XL1200V	2012-2013	VRSCDX Night Rod Special VRSCDX	2007-2009
CVO Ultra Classic Electra Glide FLHTCUSE4	2009	Softail Cross Bones FLSTSB	2008-2009	VRSCR Street Rod VRSCR	2007
CVO Ultra Classic Electra Glide FLHTCUSE6	2011	Softail Custom FXSTC	2007-2010	VRSCX VRSCX	2007
CVO Ultra Classic Electra Glide FLHTCUSE7	2012	Softail Deluxe FLSTN	2007-2010	Wide Glide FXDWG	2010-2011
CVO Ultra Classic Electra Glide FLHTCUSE8	2013	Softail Deuce FXSTD	2007	XR1200 XR 1200	2010
CVO Ultra Classic FLHTCUSE5	2010	Softail Rocker C FXCWC	2008-2009	XR1200X XR 1200X	2011
Dyna Fat Bob FXDF	2009	Softail Rocker FXCW	2008-2009		
Dyna Low Rider FXDL	2007-2009	Softail Springer Classic FLSTSC	2007		

D-64 speedometer

for Harley-Davidson®

Want something different for your Harley? We came out with this version of our D-64 speedometer especially made to be used with the factory speed sensor on transmission. It combines basic functions on a classic 64 mm analog meter.



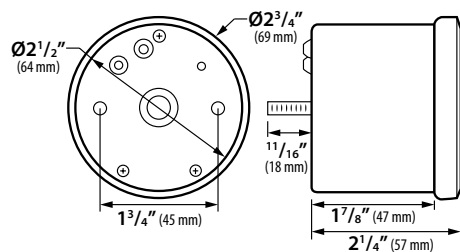
BB641B34-HD



Specifications

Speedometer	Display range : 0 ~ 160 MPH Display unit : 1 MPH Internal display : < 0.5 second
Odometer	Display range : 99,999 miles Reset automatically after 99,999 miles Display unit : 1 mile
Tripmeter A/B	Display range : 0 ~ 999.9 miles Reset automatically after 999.9 miles Display unit : 1 mile
Tire circumference	Setting range : 300 ~ 2,500 mm Setting unit : 1 mm Pulse setting : 1 ~ 60
Fuel level	Display range : 6 segment bar graph Display unit : 1 level = 16.6%
Fuel resistance	Setting range : 100 Ω / 510 Ω / no display
Indicator lights	<ul style="list-style-type: none"> ↔ Turn signals Oil level Neutral High beam RPM shift light
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (D x W)	Ø 2 1/2 x 1 7/8" (Ø 64 x 47 mm)
Meter weight	± 6.70 oz (± 190 g)
Sensor type	Passive speed sensor : BF019005

Dimensions



Packaging



TITAN-X heated grips

for Harley-Davidson®

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 handlebars.

* Fits 1" + 1" handlebar

Fitment for Harley models using :

Chrome

Black

Electronic Throttle

AX068M00

AX068K00

Cable Throttle

AX068M10

AX068K10



Parts included (kit includes everything needed for installation)

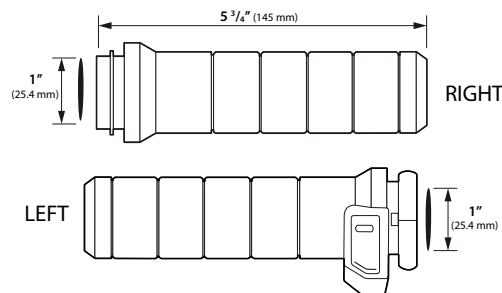
Specifications



- ▶ Integrated temperature level thumb switch
- ▶ Universal fitment designed to fit most Harley-Davidson® models
- ▶ 5 temperature levels to choose from
- ▶ 5 color LED indicator to display which temperature setting is currently in use
- ▶ "Low battery cut off protection"
- ▶ Made of aluminium and high quality soft to the touch rubber
- ▶ Internal memory that allows the grips to stay at previous warmth level
- ▶ Available in chrome or black finish
- ▶ Available for electronic and cable throttle models

Dimensions

Five temperature level integrated thumb switch



NEW

Dual USB adaptor

for Harley-Davidson®

Our dual USB adaptor exclusively made for Harley-Davidson® models provides you with the possibility of charging your precious devices while riding. Whether it's a GPS, smartphone, tablet or any other small electrical device, our dual USB adaptor provides you with the worry free feeling of knowing your devices will always be charged no matter where the road takes you !

** Fits all Harley-Davidson® models from 1992 to today with cigarette lighter*



K0008000

Parts included



Specifications

- › 2 amps
- › Dual port
- › Can charge up to 2 iPads simultaneously
- › Direct fit
- › Short-circuit protection
- › Over-heat protection

Installed



GPS signal converter kit

Some applications require different alternatives from the conventional speed sensor that is installed on the wheel. Whether it is a question of appearance (for those who do not want wires to be visible), or a question of functionality, this GPS speed signal converter offers more installation options, such as; cars, boats, snowmobiles, and many others ! Its 66 satellite antenna will capture the GPS signal, and the converter will transfer it into a pulse signal that will communicate with the speedometer. A simple, yet versatile accessory that is the future of GPS speed signal converters !



KK000001

GPS Speed Signal Converter only



KK000000

GPS Transmitter only



BF018000

Transmission speed sensor *for Harley-Davidson®*

Built to replace your old OEM transmission sensor, our speed sensor is made from durable material and will function perfectly on your Harley-Davidson®.



BF620000

ELECTRICAL ACCESSORIES

Universal dual USB adaptor

Technology and the devices we use in today's world follow us everywhere we go. Our dual USB adaptor now provides you with the possibility of charging those precious devices while riding. Whether it's a GPS, cellphone or any other small electronic device, our dual USB adaptor provides you with the worry free feeling of knowing your devices will always be charged no matter where the road takes you !



K0008110

Parts included



Adjustable RPM signal filter



BO035000

AC/DC converter



BL000010

Specifications

Input voltage range	AC / DC 12 ~ 30 V
Output voltage range	DC 12 ~ 15 V
Maximum load	6 W (0.5 A)

Universal single USB adaptor

NEW

Keep your devices charged and ready to go at all times with the Koso USB charger. The simple yet durable design of this USB charger allows it to be mounted virtually anywhere you please.



K0009000

Parts included



Installed



METER ACCESSORIES

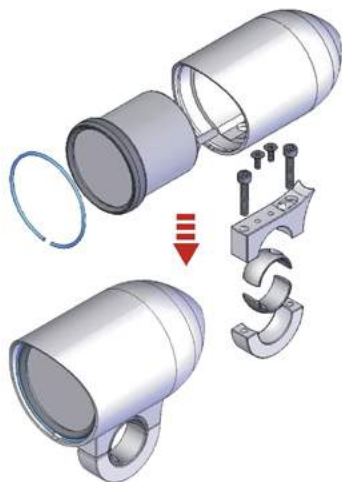
Chrome bullet casing & bracket

This nice chrome bullet casing will make your motorcycle stand out. Its unique bracket system allows the casing to turn from left to right at an angle of up to 12°. This system makes it easier to read the instrument when it's not directly in front of the driver.



**METER
NOT INCLUDED**

Assembly



Casing



BE550M10

Fits 1" bracket

BE550M11

Fits 1½" & 1¼" bracket

Bracket



BE550M17

For 1" handlebar

BE550M18

For 1¼" handlebar

BE550M19

For 1½" handlebar

Fitment

BB551B20 HD-01R tachometer (with oil pressure) for H-D®

BB551B42 HD-01S speedometer (km/h) for H-D®

BB552B70 DL Style speedometer

BA552B80 DL Style tachometer

BA555B15 DL-02S GP Style speedometer (black)

BA555B18 DL-02S GP Style speedometer (chrome)

BA555B16 DL-02R tachometer (black)

BA555B19 DL-02R tachometer (chrome)

BA551B22 GP Style tachometer with water temperature (black)

BA551B23 GP Style tachometer with water temperature (white)

Plug-in indicator kit

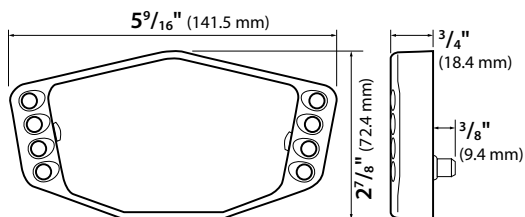
for DB-02 & DB-02R meters

The indicator light kit was developed for the DB-02 & DB-02R meters. Unlike the other indicator light kits on the market, our model will allow you to build it according to your needs. 12 different symbols available to match your bike functions.

** Meter not included*



Dimensions



Parts included



Packaging



Shift light

Compact, lightweight and easy to program, this is the way we like it. Its strong LED will make it easy to see even at high speed. Available for 48 mm and 55 mm meter casing.

*** Works with Koso meters only.*



BJ480R00

For 48 mm meter

BJ550R00

For 55 mm meter

METER NOT INCLUDED

METER ACCESSORIES

SV650 adaptor kit *for Koso meters*

Koso released a useful adaptor kit that will help you install our meters on your Suzuki SV650 Carbureted or Injection models. Whether you want to install our RX-1N, RX-2 or RX-2N, this small and affordable device will help reduce installation time.

** Not compatible with the carbureted versions
SV650X / Y / K1 / K2 models*



BO015010

Carburetor

BO015011

Injection

Parts included (kit includes everything needed for installation)

Installed



METERS NOT INCLUDED

Plug & play kit & Adaptor board

For RX-2 and RX-2N meters *for Kawasaki Ninja 250*



METERS NOT INCLUDED

Adaptor board



BE005K00

For RX-2 meter

BE005K01

For RX-2N meter

* Fitment year : 2008 to 2012

Plug & Play kit



For RX-2 meter

For RX-2N meter

BO012001

BO012011

Carburetor

BO012000

BO012010

Injection



BRACKETS

Bolt relocation meter bracket

for Yamaha Bolt®



B0051000

Fits **ONLY** Koso TNT-B meter for Yamaha Bolt®
(BA051310 & BA051300)

TNT meter bracket



BE035000

Gear indicator bracket



BE007000

Fits 7/8" handlebar
Fits Gear indicators
(KN002000, KN002010 & KN002001)

D1-OLED meter bracket

** Fits BA032000*

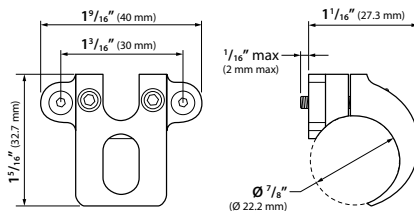


METER NOT INCLUDED

EX-02 speed sensor bracket 47 mm

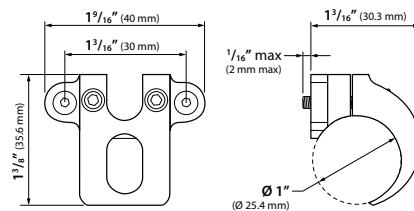


BE012000



BE032000

Size 7/8"



BE032010

Size 1"

V type meter bracket

** Fits 7/8" handlebar*



BE480003

Ø48 ~ 55 mm

BE640003

Ø64 mm

U type meter bracket



BE480002

Ø48 mm

BE550002

Ø55 mm

BE640002

Ø64 mm

D type meter bracket



BE480001

Ø48 mm

BE550001

Ø55 mm

BE640001

Ø64 mm

Bracket for Super Slim,
Mini & Mini 3 meters



BE006S00

Clamp for Super Slim, Mini & Mini 3
meter bracket

** Fits 7/8" handlebar*



CLAMP



**BRACKET
NOT INCLUDED**

BRACKETS

Miscellaneous brackets



BE003K02

BEATVK02

Fits 1 1/8" handbar

Fits 7/8" handbar



BE011K02



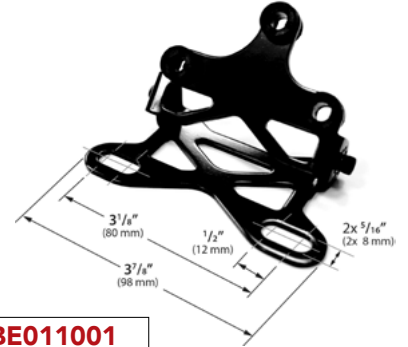
BE004K05



BEATVK05



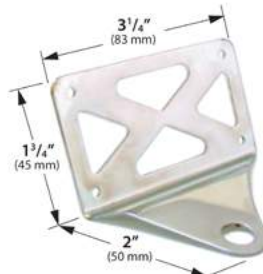
BE010K00



BE011001



BEATVK01



BE000M01

X1 smartphone bracket

Koso X1 smartphone bracket is the most well thought-out and easy to use accessory on the market. It has a mechanical style and is designed to adjust multiple ways, such as; length, height, depth and width, which makes this bracket suitable for any smartphone even those with thick cases. Easy adjustable screws, located on the back, lock the desired positioning securely into place. Most importantly, the top clamp is designed to allow you to insert and remove your smartphone easily by simply pulling it upwards.

** Fits from 7/8" to 1 1/4" Handlebar.*

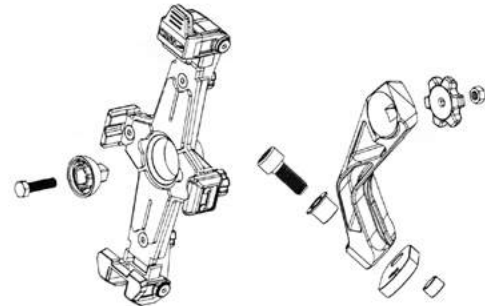


QR000000

Specifications

- ▶ Six-way adjustable
- ▶ Quick release & lock function design
- ▶ Allowing user to find best position by free adjustable & rotating in 360°
- ▶ Applies to 4" to 5.5" smartphone
Maximum size : length 6 11/16" (170 mm) x 3 1/8" (80 mm) wide x 9/16" (14 mm)
- ▶ Size : 1 1/8" (28.6 mm) / 1" (25.4 mm) / 7/8" (22.2 mm)
- ▶ Thread size : M8 or M10

Assembly



Installed



TEMPERATURE SENSORS & ADAPTORS

Temperature sensors



32 ~ 248 °F (0 ~ 150 °C) 10 kΩ

- | | |
|------------------------------------|--------------------------------|
| › BF030125 P 1/8 (BSP) x 28 | › BF140125 M14 X P 1.25 |
| › BF100100 M10 x P 1.0 | › BF140150 M14 X P 1.5 |
| › BF100125 M10 x P 1.25 | › BF160150 M16 X P 1.5 |
| › BF120125 M12 x P 1.5 | › BF180150 M18 X P 1.5 |



32 ~ 482 °F (0 ~ 250 °C) 50 kΩ
JST waterproof connector

- | | |
|-----------------------------------|--------------------------------|
| › BF030000 P 1/8(BSP) x 28 | › BF140000 M14 X P 1.25 |
| › BF100000 M10 x P 1.0 | › BF140001 M14 X P 1.5 |
| › BF100001 M10 x P 1.25 | › BF160000 M16 X P 1.5 |
| › BF120000 M12 x P 1.5 | › BF180000 M18 X P 1.5 |

Temperature sensor extensions



TSE-0001

Fits 10 kΩ temperature sensor & cylinder head temp. sensors (K1001R10, K1001R14, K1000R10 & K1000R14)



TSE-0002

JST waterproof connector

Fits 50 kΩ temperature sensor & cylinder head temp. sensors (K1001R11 & K1001R15)

Water temperature sensor extension



TSE-0003

Fits water temperature sensor (BF550023)

Cylinder head temperature sensors



K1001R11

K1001R15

Size 10 mm

Size 14 mm

32 ~ 482 °F (0 ~ 250 °C)
JST waterproof connector



K1001R10

K1001R14

Size 10 mm

Size 14 mm

32 ~ 482 °F (0 ~ 250 °C)



K1000R10

K1000R14

Size 10 mm

Size 14 mm

32 ~ 248 °F (0 ~ 150 °C)

TEMPERATURE SENSORS & ADAPTORS

Water temperature sensor



BF550023

Fits EGT-02R meters
(BA006B00 & BA006B00X)

Oil drain plug adaptor
(Sensor not included)



- › **BG241215** M12 x P1.5 x 15 L
- › **BG241412** M14 x P1.25 x 15 L
- › **BG281415** M14 x P1.5 x 15 L
- › **BG301615** M16 x P1.5 x 15 L
- › **BG301815** M18 x P1.5 x 15 L
- › **BG302010** M20 x P1.0 x 15 L
- › **BG302015** M20 x P1.5 x 15 L

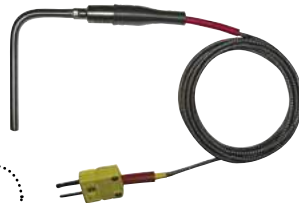
Water hose adaptor
(Sensor not included)



- | | | | |
|-------------------|-------|-------------------|-------|
| › BG014B01 | 14 mm | › BG030B01 | 30 mm |
| › BG016B01 | 16 mm | › BG032B01 | 32 mm |
| › BG018B01 | 18 mm | › BG034B01 | 34 mm |
| › BG022B01 | 22 mm | › BG036B01 | 36 mm |
| › BG026B01 | 26 mm | › BG038B01 | 38 mm |
| › BG028B01 | 28 mm | | |

EGT SENSORS & ACCESSORIES

EGT sensor (Clamp included)



28-CKTYPE9

Standard response



28-CKTYPEEX

Fast response



EGT sensor extension
(10 feet)



28-C003000

EGT weld on bushing



BI520099

EGT sensor clamp



BI520001

40 ~ 60 mm

BI520002

60 ~ 80 mm

SPEED SENSORS & ACCESSORIES

S type speed sensor bracket kit



BI002S09

S type speed sensor bracket



BI002S08

Size M8

BI002S10

Size M10



L type speed sensor bracket R 20/25



BI003S01



Disc brake magnet and e-clip



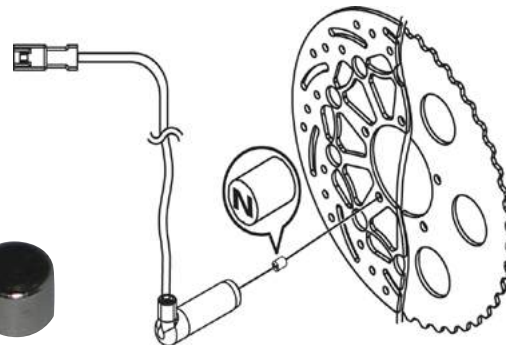
BF009110

Magnet

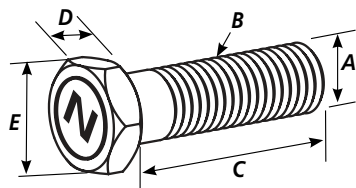


BF010700-1

$\varnothing \pm 1/4" \times H \pm 3/16"$
($\varnothing 6 \text{ mm} \times H 5 \text{ mm}$)



Hexagone magnet screw



Part #	A	B	C	D	E
► BF010500	5/16" x P18 lpi	x 0.716"	3.85 mm	12 mm	
► BF010510	M5 x P0.8 mm	x 8.8 mm	4.00 mm	12 mm	
► BF010630	M6 x P1.0 mm	x 7.6 mm	5.00 mm	12 mm	
► BF010610	M6 x P1.0 mm	x 19.7 mm	3.85 mm	12 mm	
► BF010600	M6 x P1.0 mm	x 24 mm	3.85 mm	12 mm	
► BF010820	M8 x P1.25 mm	x 18.6 mm	3.9 mm	12 mm	
► BF010830	M8 x P1.25 mm	x 23.6 mm	3.9 mm	12 mm	
► BF010800	M8 x P1.25 mm	x 29 mm	3.9 mm	12 mm	

Active speed sensors



Standard connector

BF640006

± 78" (2,000 mm)



JST waterproof connector

BF640J06

± 78" (2,000 mm)

Hard cable speed sensors



BF200000

*For EX-02 Enduro
japanese applications*

Passive speed sensors



Standard connector

BF019002 ± 53" (1,350 mm)

BF019005 ± 68" (1,750 mm)

BF019006 ± 78" (2,000 mm)

BF019275 ± 108" (2,750 mm)



JST waterproof connector

BF019J02 **BF019J06**

± 53" (1,350 mm) ± 78" (2,000 mm)



BF200020

For EX-02 Enduro KTM

A/F RATIO SENSORS & ACCESSORIES

Race type O² sensor



BG000S01

*Fits Mini 3 air/fuel ratio meter (BA005000),
G2 revolution meter (BA023W00) &
narrowband air/fuel ratio meter (BA550B00)*

Oxygen sensor



28-BOS2004

Wideband bosch oxygen sensor



28-BOSCH

Fits wideband air/fuel ratio meter (BA004068)

O² signal wire



BO002001

Fits G2 revolution meter (BA023W00)

O² adaptor for 2 stroke engine only



BG001855

Fits wideband air/fuel ratio meter (BA004068)

Bung, cap and washer kit



BG001813

For air/fuel ratio meters

O² bung



BG001800

For air/fuel ratio meters

O² cap



BG001801

For air/fuel ratio meters

Aluminium washer



XT001BG812

For O² cap (BG001801)

MISCELLANEOUS SENSORS

Boost sensor



BF521000

Electric current sensor



XS520BF000

Oil pressure sensor



28-A120200

SPEED SIGNAL CONVERTERS

Speed signal converter C

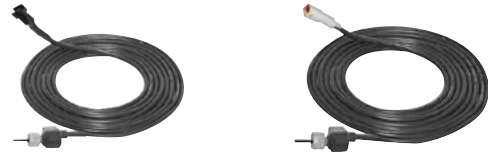


BF580001

BF580011

JST waterproof connector

Speed signal converter D



BF580000

BF580010

JST waterproof connector

GPS speed signal converter kit

Some applications require different alternatives from the conventional speed sensor that is installed on the wheel. Whether it is a question of appearance (for those who do not want wires to be visible), or a question of functionality, this GPS speed signal converter offers more installation options, such as; cars, boats, snowmobiles, and many others! Its 66 satellite antenna will capture the GPS signal, and the converter will transfer it into a pulse signal that will communicate with the speedometer. A simple, yet versatile accessory that is the future of GPS speed signal converters!

GPS Speed Signal Converter only



KK000000

GPS transmitter only



BF018000



KK000001

BUTTONS & SWITCHES

External extension button



B0006000

Fits DL Style speedometer (BB552B70)

External thumb switches



B0020010

For 7/8" or 1" handlebar
Fits RX-2NS RPM data logger (BA015400)



B0020011

JST waterproof connector
For 7/8" or 1" handlebar
Fits EX-02 meters

NEW
COMING SOON

MX-1

snow/dirt bike heated grips

Designed specifically for dirt & snow bikes. The aggressive lock on diamond pattern grip made of high quality materials will be sure to keep your hands glued to the grips all while keeping them warm and comfortable at the same time.



AX1070G0

HEATED EQUIPMENT

Parts included (kit includes everything needed for installation)

Specifications



- › For optimal results, grips require DC 14 V, 35 W of power/pair and draws 2.5 A/pair at maximum level
- › Includes 2 clamp-on grips, no adhesive required for installation
- › External controller for temperature adjustment
- › Integrated low volt cut-off system, prevents accidental battery power loss
- › Removable end caps

Left grip



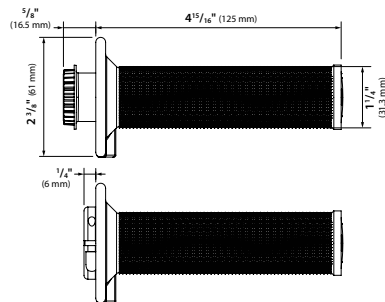
Allen screw adjustment to make it easy to install and remove the grips when needed.

Right grip



Universal fitment, includes interchangeable throttle cable cams. Designed to fit majority of dirt/snow bike models.

Dimensions



Installed



APOLLO

heated grips for twist throttle

The Apollo heated grips are a prime example of koso's ability to innovate. Finished are the days of cluttering your handlebars with control boxes and switches. The Apollo heated grips feature koso's exclusive integrated thumb switch which provides you with the ability to power on and off the grips as well as rotate between the 5 levels of temperature.

* Fits 7/8" + 1" handlebar



AM111030

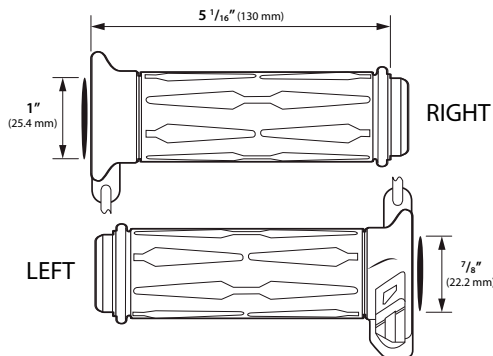
Parts included (kit includes everything needed for installation)

Specifications



- › Integrated temperature level thumb switch allowing to easily navigate through the temperature settings
- › Designed to fit 7/8" + 1" twist throttle applications
- › "Plug & play" wiring connections for easy installation
- › 5 temperature levels to choose from
- › 5 color LED indicator to display which temperature setting is currently in use
- › "Low battery cut off protection"
- › Internal memory that allows the grips to stay at previous warmth

Dimensions



Five temperature level integrated thumb switch



Packaging



APOLLO

heated grips for ATV & snowmobile

Pushing forward and innovating is what we do. After huge success with our original Apollos we've decided to release a version for thumb throttle vehicles. Featuring our exclusive thumb switch design and 5 levels of temperature, these grips are ergonomically friendly and keep your hands warm in cold harsh weather.


AX073010

Fits 7/8" + 7/8" handlebar

AX073210

 Fits 7/8" + 7/8" handlebar
with heated thumb

Parts included (kit includes everything needed for installation)

Specifications

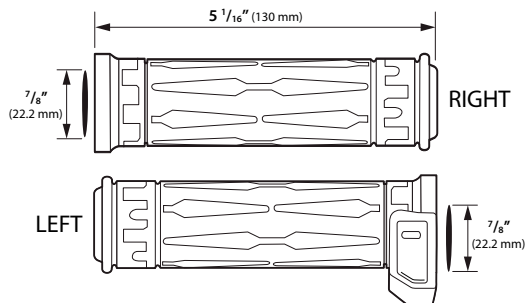


- ▶ Integrated temperature level thumb switch allowing to easily navigate through the temperature settings
- ▶ Universal fitment designed to fit all ATV and snowmobile models
- ▶ "Plug & play" wiring connections for easy installation
- ▶ 5 temperature levels to choose from
- ▶ 5 color LED indicator to display which temperature setting is currently in use
- ▶ "Low battery cut off protection"
- ▶ Internal memory that allows the grips to stay at previous warmth level

Dimensions

Five temperature level integrated thumb switch

Packaging



NEW

TITAN

heated grips

for twist throttle

Don't let the cold stop you from riding. Our Titan heated grips are sure to keep you warm through all of your adventures and help yield those couple extra hours of riding that you so often crave.

Featuring an external 5 color LED display controller, your temperature can easily be changed with the click of a simple button. Our new "low battery cut off protection" technology will automatically power off your heated grips in the case that your voltage falls under 12 V.

Available in a black or chrome finish and made of aluminum and soft to the touch rubber. These grips will help keep you warm and comfortable through any type of climate you choose to take on.

** Fits on cruiser motorcycles.*



AX065MG0

Fits 7/8" + 1" handlebar
Chrome and rubber finish

AX065KG0

Fits 7/8" + 1" handlebar
Black rubber finish

Parts included (kit includes everything needed for installation)

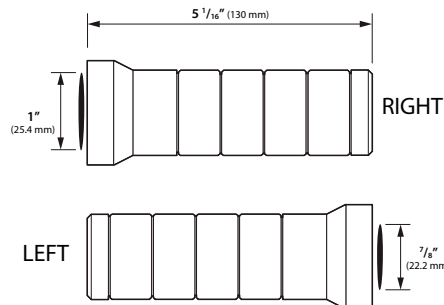
Specifications



- › 5 level temperature controller allows you to adjust the temperature to desired comfort level
- › Made of plated aluminium and special rubber material that is resistant to outdoor conditions and elevated temperatures
- › Thin and flexible silicone wires make them easy to install
- › Provides "short circuit protection" and "low battery cut off protection" technologies
- › Internal memory that allows the grips to stay at previous warmth level

Dimensions

Packaging



HEATED EQUIPMENT

TITAN-X heated grips

for Harley-Davidson®

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 handlebars.

* Fits 1" + 1" handlebar

Fitment for Harley models using :

Chrome

Black

Electronic Throttle

AX068M00

AX068K00

Cable Throttle

AX068M10

AX068K10



HEATED EQUIPMENT

Parts included (kit includes everything needed for installation)

Specifications

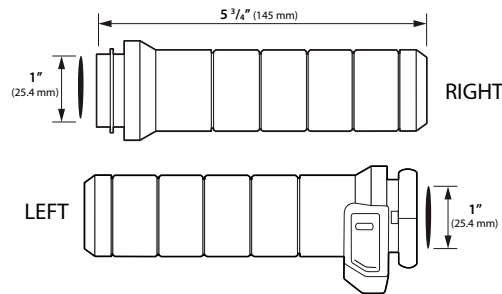


- ▶ Integrated temperature level thumb switch
- ▶ Universal fitment designed to fit most Harley-Davidson® models
- ▶ 5 temperature levels to choose from
- ▶ 5 color LED indicator to display which temperature setting is currently in use
- ▶ "Low battery cut off protection"
- ▶ Made of aluminium and high quality soft to the touch rubber
- ▶ Internal memory that allows the grips to stay at previous warmth level
- ▶ Available in chrome or black finish
- ▶ Available for electronic and cable throttle models

Dimensions

Five temperature level integrated thumb switch

Packaging



MULTI ADJUSTMENT heated grips

Available in an assortment of sizes, twist or thumb throttle. These Multi Adjustment heated grips will keep your hands warm even in the harshest cold weather conditions. The external controller featuring a simple dial and an LED lite background allows you to simply choose your level of temperature even at night time. The Multi Adjustment heated grips also feature a "low voltage cut off protection", this system will automatically detect the voltage of your machine and automatically shut off the heated grips if the voltage happens to fall under 12V.

For twist throttle



AM10700F

Fits 7/8" + 1"
handlebar

AM10720F

Fits 1" + 1 1/8"
handlebar

For thumb throttle



AM10710F

Fits 7/8" + 7/8"
handlebar

AM10711F

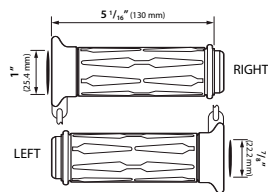
Fits 7/8" + 7/8"
handlebar
Heated thumb

Parts included

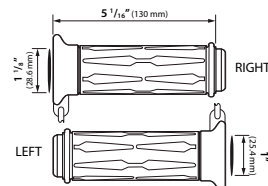
Dimensions



For 7/8" + 1" handlebar :

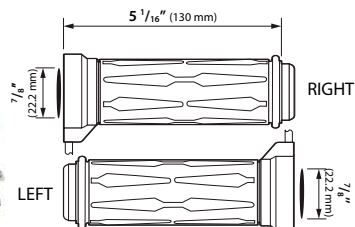


For 1" + 1 1/8" handlebar :



Parts included

Dimensions



Installed

Specifications

Packaging



- ▶ Multi adjustment controller allows you to adjust the temperature to desired comfort level
- ▶ Made of special rubber material that is resistant to outdoor conditions and elevated temperatures
- ▶ Thin and flexible silicone wires make them easy to install
- ▶ Provides "short circuit protection" and "low battery cut off protection" technologies
- ▶ Internal memory that allows the grips to stay at previous warmth level



5 LEVEL heated grips

Also available in an assortment of sizes for motorcycles as well as ATV's and snowmobiles, these 5 level heated grips feature an external controller with 5 levels of heat to choose from. The controller features simply one button to rotate through temperature levels and 5 LED lights to indicate which level of temperature is in use. The 5 level heated grips also feature a "low voltage cut off protection", this system will automatically detect the voltage of your machine and automatically shut off the heated grips if the voltage happens to fall under 12V.

For twist throttle



AM10703G

AM10706G

Fits 7/8" + 1"
handlebar

Fits 1" + 1 1/8"
handlebar

For thumb throttle



AM10710G

AM10712G

Fits 7/8" + 7/8"
handlebar

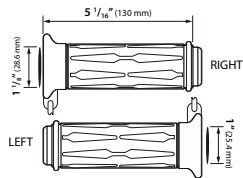
Fits 7/8" + 7/8"
handlebar
Heated thumb

Parts included

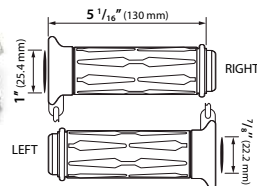
Dimensions



For 1" + 1 1/8" handlebar :



For 7/8" + 1" handlebar :

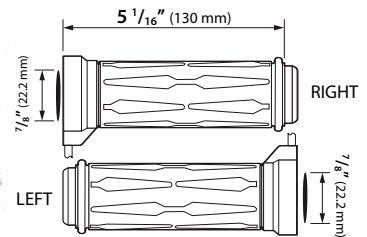


Specifications

- › 5 level temperature controller allows you to adjust the temperature to desired comfort level
- › Made of special rubber material that is resistant to outdoor conditions and elevated temperatures
- › Thin and flexible silicone wires make them easy to install
- › Provides "short circuit protection" and "low battery cut off protection" technologies
- › Internal memory that allows the grips to stay at previous warmth level

Parts included

Dimensions



Packaging



Heated gloves

Keep your hands warm and dry by using those new waterproof heated gloves. Made from multi-layers of the best quality material available on the market, it can be easily adapted to almost any kind of handlebars. Finally your hands can be comfortable, warm and dry while riding.



Parts included (kit includes everything needed for installation)

Packaging



Installed



HEATED EQUIPMENT ACCESSORIES

Heated thumb kit



AM00001B

5 LEVEL
replacement
control box



AF003K00

MULTI ADJUSTMENT
replacement
control box



AF000K01

Glue for heated grips

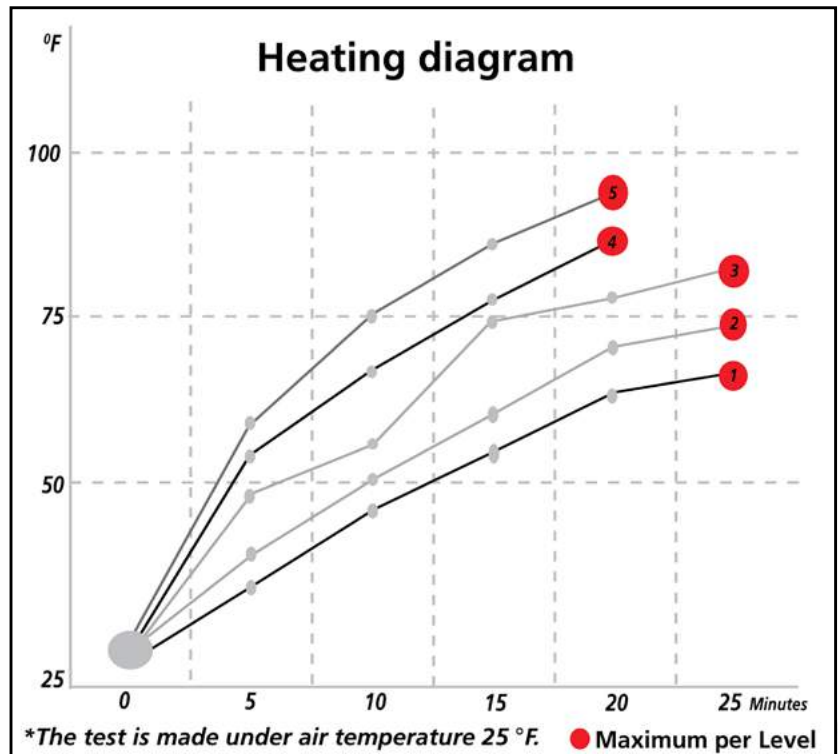


AM000000

Replacement black end cap
for heated grips



AM102B000K



THUNDERBOLT

LED headlight

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.



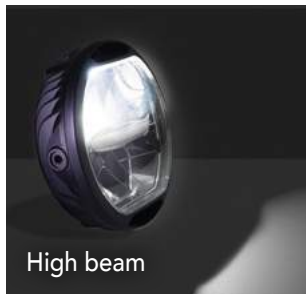
GA002000

Lighted on

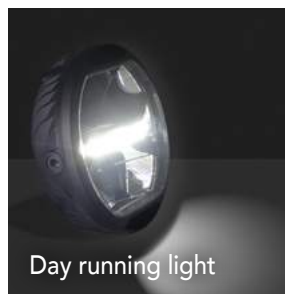
Installed



Low beam



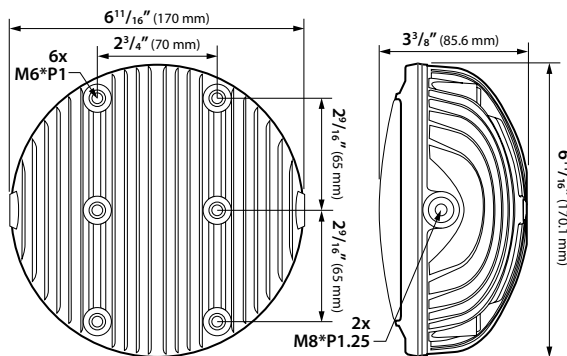
High beam



Day running light



Dimensions



Specifications

- ▶ Class D brightness level
- ▶ Brightness :
 - Low beam : 1058 lumens
 - High beam : 813 lumens
- ▶ Built in CNC made housing allowing easy installation
- * *E-mark and DOT compliant*

Packaging



INFINITY LED taillight

Set your motorcycle apart using the Koso Infinity taillight. Available with red or smoke lens, its 6 ultra-bright LED lights will increase your visibility. This taillight also has a license plate light which makes it better. Affordable and easy to install, this is a must to customize your motorcycle or scooter.



HB025020

Red lens

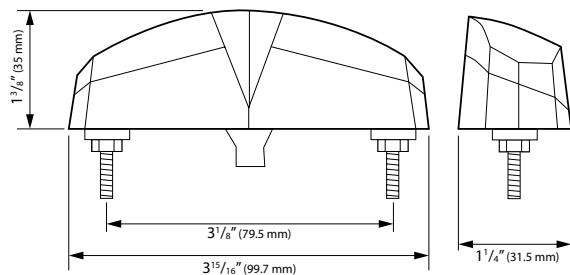
HB025010

Smoke lens

Installed



Dimensions



Specifications

- ▶ 6 ultra-bright LED lights
- ▶ License plate light
- ▶ Red or smoke lens

Packaging



NEW**COMING SOON**

SOLAR

LED taillight

The Koso Solar LED taillight is a great way to modernize the look of your bike. Keeping with the classic circular shell, this taillight is powered by ultra-bright LED's that enable you to be more visible on the road. DOT and SAE approved, this taillight is sure to enhance the look of your bike all while keeping you safer at the same time.

** DOT & SAE approved*

**HB035020**

Red lens

HB035010

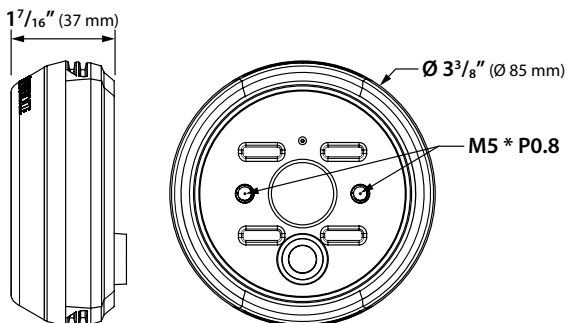
Smoke lens

Lighted on**Installed**

STANDARD LIGHT



BRAKE LIGHT

**Dimensions****Specifications**

- ▶ Red or smoke lens
- ▶ DOT & SAE approved

LED LIGHTS

BLADE

LED license plate light

Our constant desire to add new products to our accessory line has pushed us to develop a small, compact and easy to install license plate light. Its specifications, quality components and Ultra-bright LED light are the reasons behind its DOT compliance. This item is a must to customize your motorcycle at a low cost.



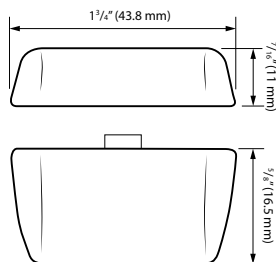
HD008000

Specifications

Maximum voltage	Voltage range : DC 10 ~ 18 V Maximum voltage : DC 24 V < 60 seconds With maximum current : 85 mA ±10 (under 13.5 V)
Effective voltage	DC 12 V
Size (L x W x H)	1 3/4 x 5/8 x 7/16" (43.8 x 16.5 x 11 mm)
Weight	± 0.59 oz (± 16.7 g)

* DOT compliant

Dimensions



Packaging



NANO

LED taillight

Our Nano brake light is probably one of the smallest, brightest and lightest taillight on the market. Its ultra-bright LED is made to increase the rear visibility and allow you to ride safely. Its compact shape makes it perfect for all naked bikes and for those who like minimal accessories. Affordable and simple to install, this Nano taillight will certainly enhance the look of your ride !



HB026000

Red lens

HB026010

Smoke lens

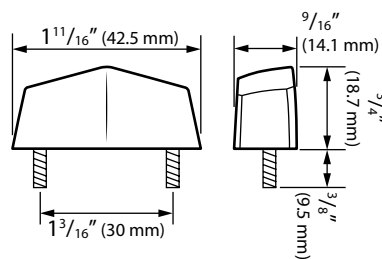
Specifications

- ▶ 1 ultra-bright LED light
- ▶ Red or smoke lens

Installed



Dimensions



Packaging



NEW
COMING SOON

HAWKEYE LED taillight

The hawkeye taillight is a micro high power LED that also features a license plate light. This taillight may be small however the ultra-bright LED makes it extremely visible during day or night. Universal fitment designed to fit any application.



HB034000

Red lens

HB034010

Smoke lens

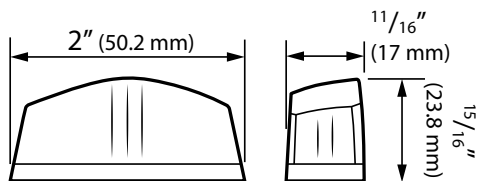
Lighted on

Installed



LED LIGHTS

Dimensions



Specifications

- ▶ Dual function
- ▶ 1 ultra-bright LED light
- ▶ License plate light
- ▶ Red or smoke lens

Packaging



NEW

AURORA LED fog lights

When it comes to riding motorcycle, security should definitely be a priority. This is why the use of fog lights is a must for seeing and being seen under bad weather conditions. Lightweight, easy to install and adjustable, our Koso quality Aurora fog lights will complement your ride.

* DOT & ECE compliant.

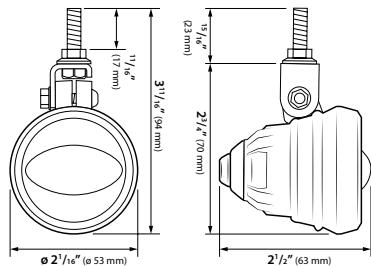


HG008001

Dimensions

Specifications

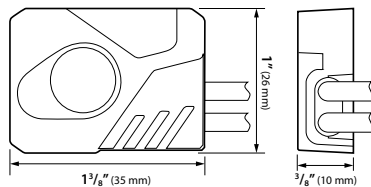
LED fog lights :



Brightness	420 lumens each
Angle of pitch (for adjustment)	+90° / +45° / 0 / -45° / -90°
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 10 ~ 16 V
Standard	JIS D 0203 S2
Size (D x W)	$\phi 2\frac{1}{16}'' \times 2\frac{1}{2}''$ ($\phi 53 \times 63$ mm)
Weight	± 3.49 oz (± 99 g)

* DOT & ECE compliant

Controller :



Power	DC 12 V / 7 W
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 10 ~ 16 V
Standard	JIS D 0203 S2
Size (L x W x H)	$1\frac{3}{8}'' \times 1'' \times \frac{3}{8}''$ (35 x 26 x 10 mm)
Weight	± 1.55 oz (± 44 g)

Parts included (kit includes everything needed for installation)

Installed

Packaging

**LED LIGHTS**

KNIGHT

LED bar ends & indicator lights

Our Knight end bar marker lights use a high power LED light that will allow you to be more visible to other drivers. When connected to a flasher relay, this aftermarket light could be used in addition to your existing turn signal. The high quality material and modern design of this product will help provide a unique presence on the road.



HE033013

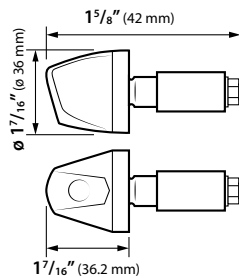
Parts included (kit includes everything needed for installation)

Specifications



- › 1 high power LED Light
- › Amber LED
- › Smoke lens
- › Soft stem design
- › M8 thread
- › Sold per set of 2

Dimensions



**Optional LED flasher relay
(not included)**



Packaging



STINGER LED indicator lights



Are you looking to customize your motorcycle at a low cost? Our Stinger LED indicators will definitely do the job! They are available in matte black with a choice of smoke or clear lens, and they feature a Hi-power amber LED to increase visibility. Their modern style will be the perfect complementary item to enhance the look of your ride!



HE100010

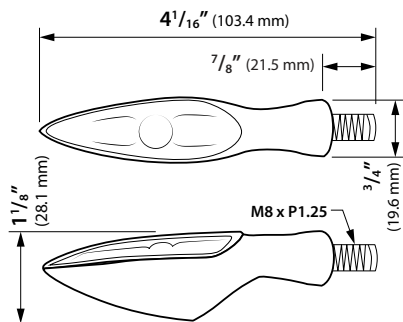
Smoke lens



HE100000

Clear lens

Dimensions



Optional LED flasher relay (not included)



Specifications

- ▶ 1 hi-power ultra-bright LED light
- ▶ Amber LED
- ▶ Clear or smoke Lens
- ▶ Soft stem design
- ▶ M8 thread
- ▶ Sold per set of 2

Packaging



NEW
COMING SOON

NUOVO LED indicator lights



The Koso Nuovo LED indicator lights are a great way to modernize the look of your bike without straying away from the OEM appearance. Sold in a pair of two, DOT and SAE certified. These indicators feature 6 ultra-bright LED's per indicator to keep you safer and more visible when changing lanes.

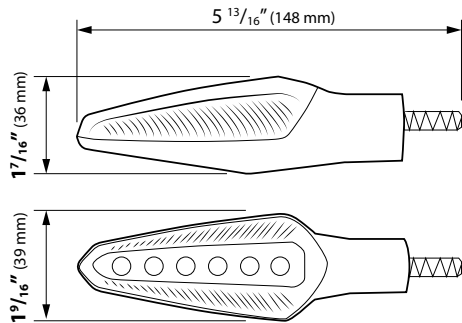


HE032010 **HE032020**

Smoke lens

Amber lens

Dimensions



Specifications

- › 6 ultra-bright LED lights
- › Amber LED's
- › Amber or smoke Lens
- › Soft stem design
- › M8 thread
- › Sold per set of 2
- › DOT & SAE approved

Packaging

**Optional
LED flasher relay
(not included)**



LED LIGHTS

INFINITY

dual LED indicator lights



Amber indicator light



Red brake light



Koso Infinity LED indicator lights are available in 2 models. The DUAL function is a brake light & indicator light. It is used for the rear end; the other is a SINGLE indicator light function for the front end. They are built with 2 ultra-bright LED, one is RED as the brake light and the other is AMBER as the indicator light. Having a hi-power LED brake light into the indicator light will increase the visibility of the motorcycle and make it easier to see for other drivers. The Infinity dual hi-power LED are not only a matter of look... but also a matter of safety.



Smoke lens



Clear lens

HE030011

Single function

HE030001

Single function

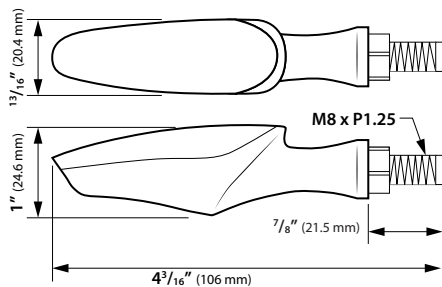
HB030011

Dual function

HB030001

Dual function

Dimensions



Specifications

- ▶ 2 hi-power ultra-bright LED lights
- ▶ Amber and red LED
- ▶ Clear or smoke lens
- ▶ Dual and single function
- ▶ Soft stem design
- ▶ M8 thread
- ▶ Sold per set of 2

Packaging

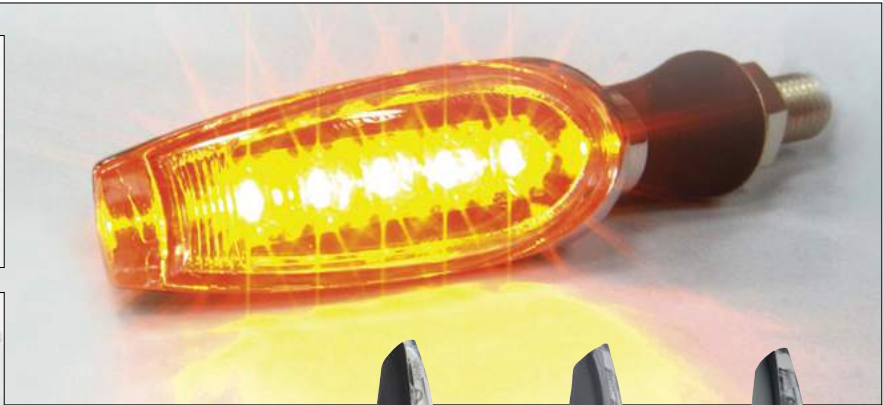


**Optional
LED flasher relay
(not included)**



UNLIMITED

LED indicator lights



Koso Unlimited LED indicator lights use 5 ultra-bright amber LED lights to increase visibility. Sold in pair and available in matte black, silver or chrome, they are perfect to customize your motorcycle at low cost. A simple change, for a better look !



HE015K14

Matte black

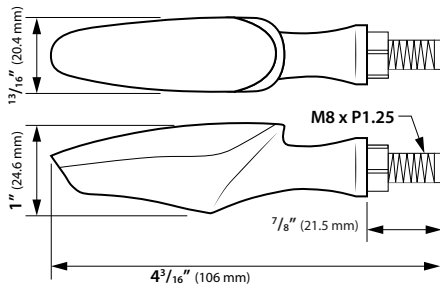
HE015S12

Silver

HE015M12

Chrome

Dimensions



Specifications

- ▶ 5 ultra-bright LED lights
- ▶ Amber LED
- ▶ Clear lens
- ▶ Soft stem design
- ▶ M8 thread
- ▶ Sold per set of 2

Packaging



**Optional
LED flasher relay
(not included)**



MARS

LED indicator lights



Koso Mars LED indicator lights use the new High-power LED technology. In fact, it is so bright that it uses only 1 light for an ultra-bright luminosity. Sold in pair and available in matte black or silver, they are perfect to change the look of motorcycle without any hassle. A simple change for a better look!



HE103K11

Matte black
Smoke lens



HE103K01

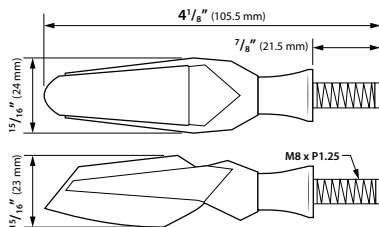
Matte black
Clear lens



HE103S01

Silver
Clear lens

Dimensions



**Optional
LED flasher relay
(not included)**



Specifications

- › 1 hi-power ultra-bright LED light
- › Amber LED
- › Clear or smoke lens
- › Soft stem design
- › M8 thread
- › Sold per set of 2

Packaging



JET LED indicator lights



Koso Jet LED indicator lights use the new High-power LED technology. In fact, it is so bright that it uses only 1 light for an ultra-bright luminosity. Sold in pair and available in matte black or silver, they are perfect to change the look of motorcycle without any hassle. A simple change for a better look !



HE101K30

Matte black
Smoke lens

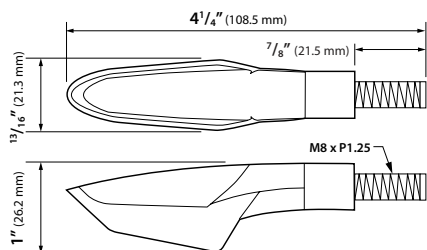
HE101K20

Matte black
Clear lens

HE101S10

Silver
Clear lens

Dimensions



**Optional
LED flasher relay
(not included)**



Specifications

- ▶ 1 hi-power ultra-bright LED light
- ▶ Amber LED
- ▶ Clear or smoke lens
- ▶ Soft stem design
- ▶ M8 thread
- ▶ Sold per set of 2

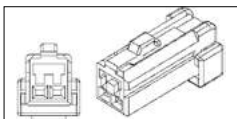
Packaging



BLINKER wire adaptors

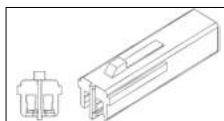
Want to change your flashers without any hassle? Those blinker wire adaptors are made to adapt our LED indicator lights to most popular motorcycles. For a clean and easy installation of your new Koso LED indicator lights, those one are the best solution. Sold by pair.

HARLEY-DAVIDSON



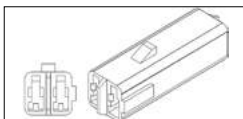
BO021071

HONDA



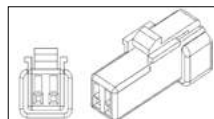
BO021006

KAWASAKI



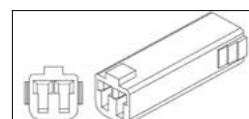
BO021005

MV



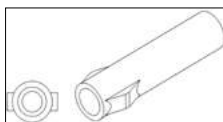
BO021091

SUZUKI



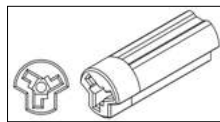
BO019022

TRIUMPH



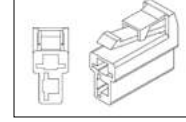
BO021081

YAMAHA



BO021053

YAMAHA MT-09



BO021101

LED flasher relay



KD006030

Changing your indicator lights for LED ones? Once you replace your regular bulbs by LED indicators, the resistance is very small compare to the original flashers. Therefore, the bike couldn't identify whether the flashers are installed or not so they will not flash normally. Avoid this problem by using our simple flasher relay. Install only one Koso relay for all 4 LED indicator lights compare to the other brands on the market which require 1 per indicator light.

LED light bars

Give a nice and unique look to your vehicle with those high quality LED bars. Built to last a minimum of 10,000 hours, those lights are also water resistant.

114 mm

(Sold by unit)



HH013R30

RED



HH013G30

GREEN



HH013W30

WHITE



HH013B30

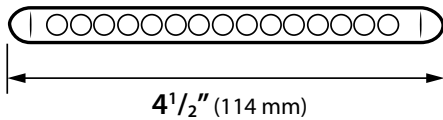
BLUE



HH013O30

ORANGE

Dimensions



4 1/2" (114 mm)

69 mm

(Pack of 2)



HH013R00

RED

HH013G20

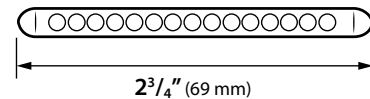
GREEN



HH013O20

ORANGE

Dimensions



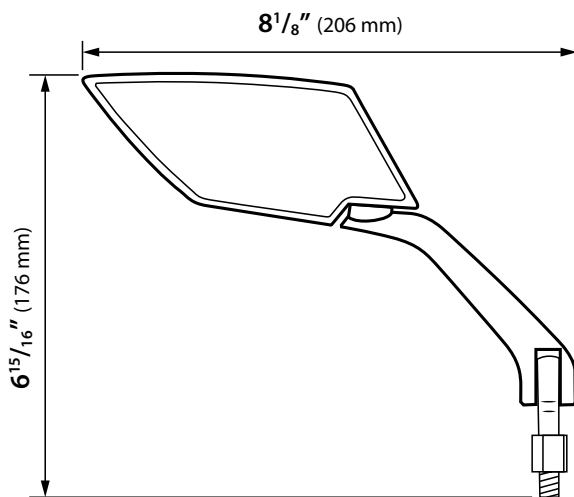
2 3/4" (69 mm)

TT STYLE mirrors

Our TT Style universal mirrors will change the style of your bike for good. Available in M10 size with carbon look or matte black shell.



Dimensions



Packaging





OA016CS0

Carbon look shell / Clear lens



OA016CS6

Carbon look shell / Blue lens



OA016KS0

Matte black shell / Clear lens



OA016KS6

Matte black shell / Blue lens



OA016CK2

Carbon look shell / Clear lens



OA016CK6

Carbon look shell / Blue lens

DEVILS STYLE mirrors

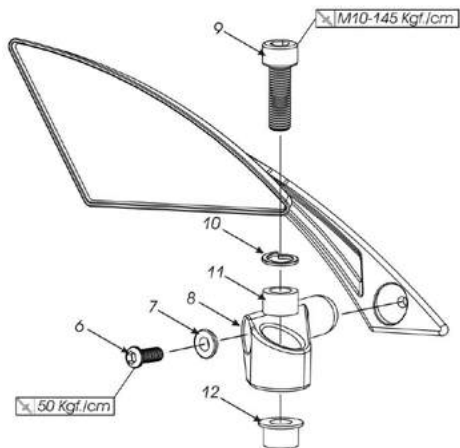
Get a modern look to your bike with our Devils Style universal mirrors. Available in M10 size with carbon look shell.



OA018CK1

Carbon look shell / Clear lens

Assembly



Packaging



BLADE STYLE mirrors

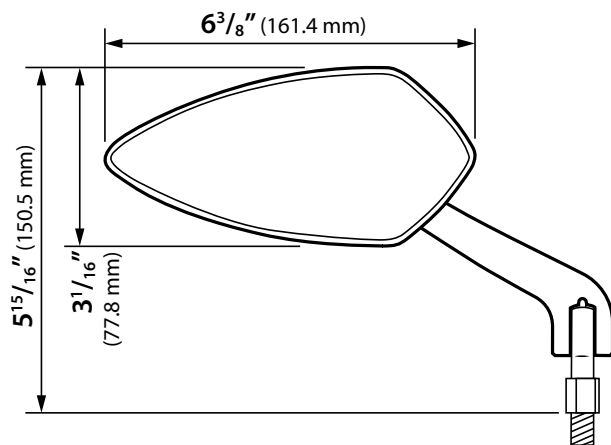
Looking for affordable and durable mirrors? Our Blade Style mirrors will customize your motorcycle and give it a special look at low cost! Available in M10 with carbon fiber look shell and black matte shell.



OA015C10

Carbon look shell / Clear lens

Dimensions



Packaging



GT STYLE mirrors

Want something different ? Our GT Style mirrors will give a unique look to your motorcycle ! Available in M10 size with black matte shell and shell.

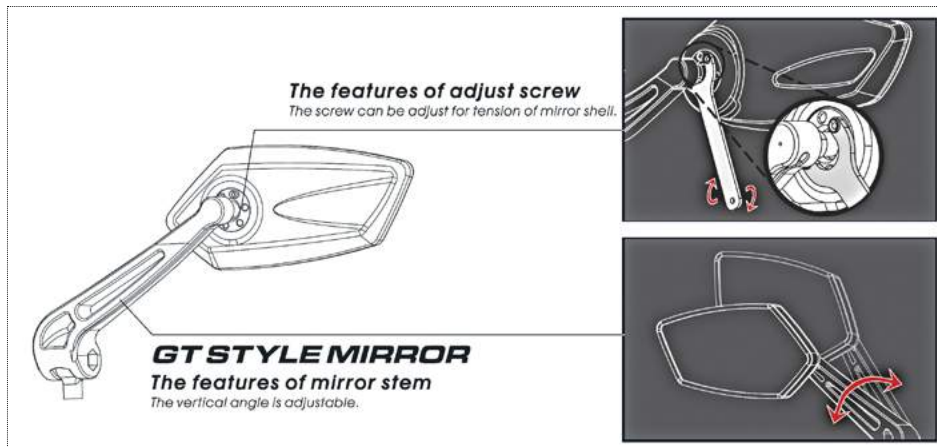


OA013K10

Black shell / Clear lens

Assembly

Packaging



KSR carburetor

The KSR carburetor features a semi-flat D-style throttle valve that increases the fuel flow for a better throttle reaction. It also reduces the incomplete combustion phenomenon, and therefore improves the combustion efficiency. Available in 6 different sizes and easy to adjust and install, this carburetor will allow you to set-up the ideal air/fuel ratio for better performance.

** For 4 stroke engine only.*



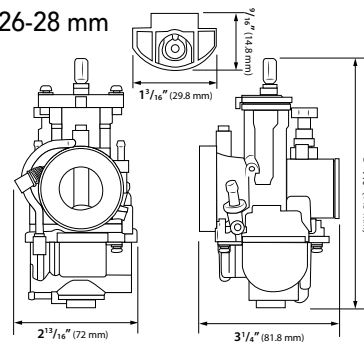
DA924300	DA926300	DA928300	DA930300	DA932300	DA934300
Ø24 mm	Ø26 mm	Ø28 mm	Ø30 mm	Ø32 mm	Ø34 mm

Parts included (kit includes everything needed for installation)

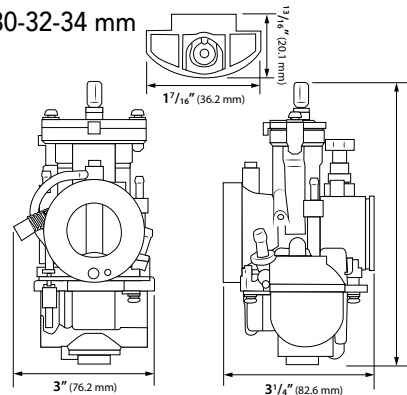
Dimensions



24-26-28 mm



30-32-34 mm



Settings

Carburetor	Ø24 mm	Ø26 mm	Ø28 mm	Ø30 mm	Ø32 mm	Ø34 mm
Air adjust screw	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
Slow jet	#40	#40	#40	#38	#42	#40
Jet needle setting	3	3	3	3	3	3
Jet needle	J	J	J	J	J	J
Main jet	#100	#100	#100	#122	#122	#122
Power jet	#30	#30	#30	#30	#30	#30

Jetting

Air adjustment screw Lean Rich	Turning the adjustment screw in (clockwise) makes for a rich mixture, turning it out for a lean one.							
Idle jet NO.	The bigger the jet, the richer the mixture.							
Throttle valve angle	The smaller the angle of the throttle valve the richer the mixture.							
Needle jet								
Jet needle setting 	There are five options per needle, the higher the number, the richer the mixture.							
Needle NO.	Needle types are B, C, D, E, F, G, A, H, I and J. B is the leanest, J the richest with the others in between as per the list.							
Mainjet NO.	The bigger the mainjet, the richer the mixture.							
POWER JET NO.	The bigger the powerjet, the richer the mixture.							
			Close	1/8	1/4	1/2	3/4	Open

Packaging



KCR carburetor

Our Koso KCR carburetor was designed to maximize the air/fuel ratio for better performance. Built from the best quality components, these 24 and 28 mm carburetors offer many customization options, such as, various jet and needle sizes.

For 4 stroke engine only.

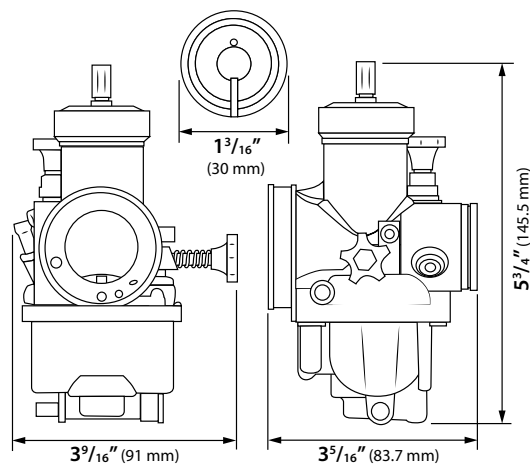
DA28C000

Ø28 mm



Parts included (kit includes everything needed for installation)

Dimensions







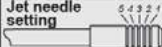











Settings

Carburetor	Ø28 mm
Air adjust screw	1
Slow jet	#42
Jet needle setting	3
Main jet	#122



Jetting

Air adjustment screw Lean  Rich	Turning the adjustment screw in (clockwise) makes for a rich mixture, turning it out for a lean one.							
Idle jet  NO.	The bigger the jet, the richer the mixture.							
Throttle valve angle	The smaller the angle of the throttle valve the richer the mixture.							
Needle jet	-----							
Jet needle setting  5 4 3 2 1 NO.	There are five options per needle, the higher the number, the richer the mixture.							
Mainjet  NO.	The bigger the mainjet, the richer the mixture.							
		Close	1/8	1/4	1/2	3/4	Open	
								



Gear indicator

for Honda Grom®



KN002001

Always wondering in which gear you're in? Avoid this question by using our plug & play Gear Indicator for Honda Grom®. Lightweight, compact, easy to use and to install, this meter will quickly tell you which gear you've selected. Its big digits and blue backlight make it easy to read during day or night riding. Made to fit the Honda Grom® models, this meter is a great addition for serious riders.

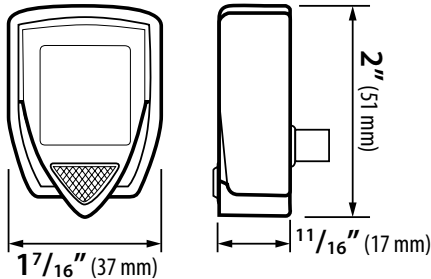
Parts included (kit includes everything needed for installation)

Specifications



Gear indicator	Display range : N, 1, 2, 3, 4, 5, 6
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (L x W x H)	1 7/16 x 1 1/16 x 2" (37 x 17 x 51 mm)
Meter weight	± 1.8 oz (± 51 g)

Dimensions



Optional bracket (not included)



Packaging



DB-03R

multifunction meter

plug & play for Honda Grom®



This plug & play DB-03R multifunction meter is the perfect addition for your Honda Grom®. Its changeable blue, orange or purple backlight makes it very easy to read at night even at high speed. The integrated indicator lights provide all the necessary information for any street use. The RPM scale is perfect for the Honda Grom® engine. 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 meter features : speed, odometer, tripmeter, RPM, temperature, volt, fuel level and a lot more ! Using the OEM sensors, this meter is very easy to install.



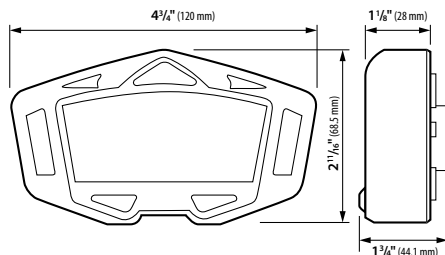
BA038900

Parts included (kit includes everything needed for installation)

Three color changeable backlight











Dimensions



Packaging



Specifications

Speedometer	Display range : 0 ~ 225 MPH (0 ~ 360 km/h) Display unit : MPH or km/h Internal display : < 0.5 second	Thermometer	Display range : 32 ~ 482 °F (0 ~ 250 °C) Display unit : 0.1 °F or °C (alternative) Internal display : < 0.5 second
Odometer	Display range : 0 ~ 99,999 miles (km) Reset automatically after 99,999 miles (km) Display unit : 1 mile (km)	Over temperature warning	Setting range : 140 ~ 482 °F (60 ~ 250 °C) Setting unit : 1 °F (°C)
Tripmeter A/B	Display range : 0 ~ 999.9 miles (km) Reset automatically after 999.9 miles (km) Display unit : 0.1 mile (km)	Top temperature record	Display range 0 ~ 482 °F (250 °C)
Total hour meter	Display range : 0 ~ 99,999 H Display unit : 1 H	Fuel meter	Display range : 6 levels Display unit : 1 level = 16.6 %
Hour meter A/B	Display range : 0 ~ 999.9 H Display unit : 0.1 H	Fuel resistance	Setting range : 100 Ω / 250 Ω / 510 Ω / 1,200 Ω / SW
Tire circumference	Setting range : 300 ~ 2,500 mm Setting unit : 1 mm Sensitive point : 1 ~ 20	Clock	Setting range : 24 H format
Tachometer	Display range and unit : • 10,000 RPM (1 level = 166 RPM) • 12,000 RPM (1 level = 200 RPM) • 15,000 RPM (1 level = 250 RPM) Internal display : < 0.5 second	Backlight brightness	Setting range : 1/5 (darkest) ~ 5/5 (brightest)
RPM warning / shift-light	Setting range : 1,000 ~ 15,000 RPM Setting unit : 100 RPM	Backlight colors	Blue / orange / light purple
Warning	• Light on (F-OFF) • Flash (F-ON)	Indicator lights	<ul style="list-style-type: none"> •  Neutral •  High beam •  Turn signals •  Check engine •  Oil level •  Temperature •  Speeding •  RPM shift light
Maximum RPM record	Display range : 0 ~ 10,000 / 12,000 / 15,000 RPM	Gear indicator	N, 1, 2, 3, 4, 5, 6, 7, 8, 9
RPM input signal number setting	Setting range : 0.5, 1 ~ 24	Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
RPM input pulse	Setting range : • HI-ACT (the positive wave pulse) • LO-ACT (the negative wave pulse)	Effective voltage	DC 12 V
Volt meter	Display range : DC 8 ~ 18 V Flashing warning when voltage is lower than DC 11.5 V or higher than DC 15.5 V	Meter standard	JIS D 0203 S2
		Meter size (L x W x H)	4 ³ / ₄ x 1 ³ / ₄ x 2 ¹¹ / ₁₆ " (120 x 44.1 x 68.5 mm)
		Meter weight	± 4.49 oz (± 127.3 g)
		Sensor type	Passive speed sensor : BF019J06 Temperature sensor : BF030000

Installed



MINI 3 cylinder head temp. meter

for Honda Grom®

Need to monitor your engine temperature? Our Mini 3 meter is especially designed for Honda Grom® which is the perfect addition for you. Its peak recall function will allow you to see the maximum temperature reached.



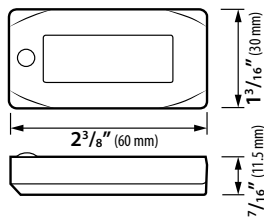
Specifications

Temperature & Maximum temp record	Display range : • t-1 → -4 ~ 392 °F (-20 ~ 200 °C) • t-2 → -40 ~ 365 °F (-40 ~ 185 °C) • t-3 → -4 ~ 428 °F (-20 ~ 220 °C) • t-4 → -4 ~ 392 °F (-20 ~ 200 °C) • t-5 → -4 ~ 248 °F (-20 ~ 120 °C) Display unit : 0.1 °F or °C (alternative)
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (L x W x H)	2 ³ / ₈ x 1 ³ / ₁₆ x 7 ¹ / ₁₆ " (60 x 30 x 11.5 mm)
Meter weight	± 0.78 oz (± 22 g)

Parts included (kit includes everything needed for installation)



Dimensions



Packaging



Optional top clamp (not included)



MINI 3 air/fuel ratio meter

for Honda Grom®

Our air/fuel ratio meter is designed to assist you to tune properly your engine and help you avoid engine problems. Just connect the meter to the DC 12 V power source and plug it to your OEM oxygen sensor and you're ready to go !



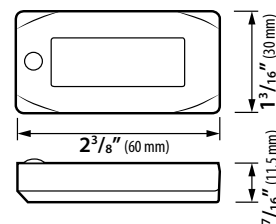
Specifications

Air/fuel ratio	Display range : 12.2 ~ 17.2 Display unit : 0.1 • If the A/F ratio is higher than 17.2, display will show -L- • If A/F ratio is lower than 12.2, display will show -A-
Effective temperature range	14 ~ 140 °F (-10 ~ 60 °C)
Effective voltage	DC 12 V
Meter standard	JIS D 0203 S2
Meter size (L x W x H)	2 ³ / ₈ x 1 ³ / ₁₆ x 7 ¹ / ₁₆ " (60 x 30 x 11.5 mm)
Meter weight	± 0.78 oz (± 22 g)

Parts included (kit includes everything needed for installation)



Dimensions



Packaging



Top clamp

for Honda Grom®

This useful top clamp for Honda Grom® will help you get a clean look even with an additional meter installed. Whether you choose one of our plug-in meters for Honda Grom® or one of our Mini 3 series, this Top clamp is the perfect complement!



METER NOT INCLUDED



BE030100

Silver



BE030000

Red



BE030200

Black

Installed



Product compatibility

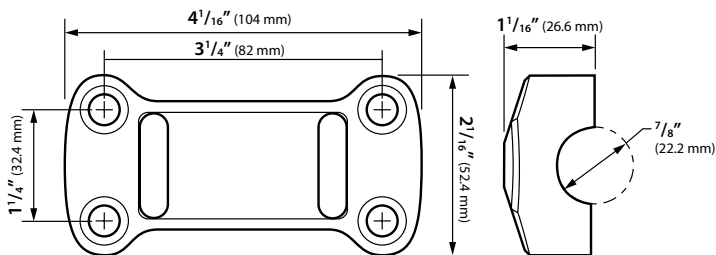
Plug & play meters for Honda Grom® (not included) :

- BA003214** Mini 3 cylinder head temp. meter for Honda Grom®
- BA003245** Mini 3 air/fuel ratio meter for Honda Grom®

Universal meters (not included) :

- BA003190** Mini 3 amp & volt meter
- BA003160** Mini 3 clock & volt meter
- BA003170** Mini 3 dual temperature
- BA003200** Mini 3 oil pressure meter
- BA003211** Mini 3 air/fuel ratio meter
- BA003250** Mini 3 fuel meter
- BA003270** Mini 3 ambient air temperature meter

Dimensions



Packaging



LED indicator lights

When it comes to riding, there are many crucial factors. This is why we have developed many different LED indicator lights in order to improve your visibility and security. Whether you like the classical look of our Unlimited that uses 5 small LED, the modern futuristic look of our Jet, Mars and Stinger that use one ultra-bright LED, or the Infinity dual function that is a turn signal and a brake light combined, Koso's unique line of LED will compliment your ride perfectly !

JET LED indicator lights

HE101S10

Silver / Clear lens

HE101K20

Black / Clear lens

HE101K30

Black / Smoke lens



STINGER LED indicator lights

HE100000

Clear lens

HE100010

Smoke lens



KNIGHT LED indicator lights

HE033013

Smoke lens



MARS LED indicator lights

HE103S01

Silver / Clear lens

HE103K01

Black / Clear lens

HE103K11

Black / Smoke lens



UNLIMITED LED indicator lights

HE015K14

Black

HE015S12

Silver

HE015M12

Chrome



**Optional LED flasher relay
(not included)**



INFINITY dual function LED indicator lights

Available in 2 models : the DUAL function is a brake light & indicator light. It is used for the rear end; the other is a SINGLE indicator light function for the front end.

Single function

HE030011

Smoke lens

HE030001

Clear lens

Dual function

HB030011

Smoke lens

HB030001

Clear lens



Amber indicator light



Red brake light



LED flasher relay

Changing your indicator lights for LED ones? Once you replace your regular bulbs by LED indicators, the resistance is very small compare to the original flashers. Therefore, the bike couldn't identify whether the flashers are installed or not so they will not flash normally. Avoid this problem by using our simple flasher relay. Install only one Koso relay for all 4 LED indicator lights compare to the other brands on the market which require 1 per indicator light.



KD006030

Indicator light adaptor kit

for Honda Grom®

This kit will allow you to conveniently install our LED indicator lights to your Grom. Sold as a pair, they fit front or back (2 pairs needed if you change all 4 flashers).



BO623K02



HURRICANE

racing air filter

for Honda Grom®

Want better performance with a simple change? Using the Hurricane multi air filter intake will increase the airflow, improve filtering efficiency and raise the engine output performance.

This high-quality foam filter is easy to assemble and disassemble and suitable for long-term use with repetitive cleaning.



DK623000

Connecting tube

for Honda Grom®

Our air box connecting tube has been developed to link the Koso's 34 mm throttle body and the actual air box.



DM623000

Rubber intake

for Honda Grom®

The main function of this intake is to meet the demand of a larger cylinder and therefore improve air intake volume for a better efficiency.



DM623K10

Your need for speed pushed you to install our 170cc Big Bore kit and 4 valves head? Unleash the full power of that kit by using our high-flow injector. A small upgrade for better performance !

High-flow injector

for Honda Grom®



DB008160

Fits up to 2016 models

Injector adaptor

for Honda Grom®



DB623000

As the throttle body and intake manifold are used to control the amount of air flowing to the engine's combustion chamber, they are important elements of the admission system. Using our Koso's 34 mm throttle body in conjunction with our 30.5 to 34mm intake manifold will allow a better air/fuel mixtures for a quicker throttle response.

Throttle body

for Honda Grom®



DY623013

Fits up to 2016 models

Intake manifold

for Honda Grom®



DP623001

Replacement parts

Intake manifold paper gaskets

DP623K00E

Camshaft kit *for Honda Grom®*

Our 240 degrees performance camshaft will give you great results at high RPM. This camshaft can be used with a stock engine, but will even give better results with the Koso 170cc big bore kit.

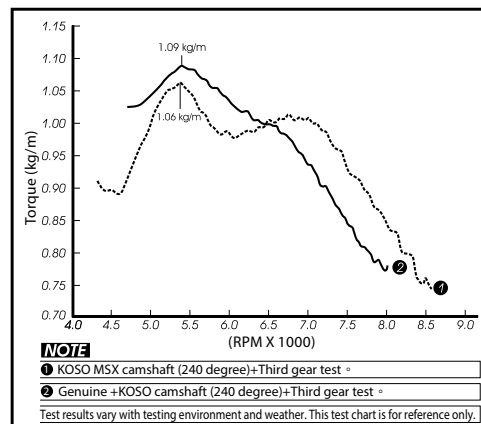
Made from quality material for longer durability, the Koso GROM camshaft is a clever choice.



MM623002

Specifications

Duration at 1 mm	IN 260 / EX 265
Valve lift	IN 8.5 mm / EX 8.5 mm
Running clearance	IN 0.10 mm / EX 0.17 mm

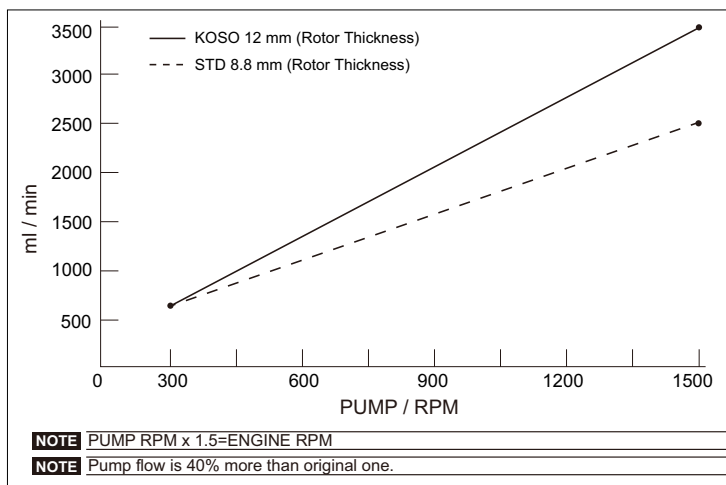


High-flow oil pump *for Honda Grom®*

Our Koso's High-flow oil pump for Honda Grom® is strongly recommended for those who upgraded their engine with our 170cc Big Bore kit and 4v Cylinder head. The addition of this high quality part will increase the oil flow by 40%; which is a very effective modification that will help prevent engine failure. Keeping the engine lubricated and cool is very important; whether you ride for fun or for races.



NF623000



NGK spark plug



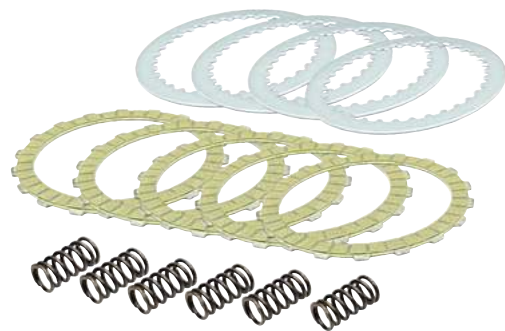
NGK-ER9EH

Clutch kit *for Honda Grom®*

When it comes time to transferring the power of your engine to the ground, the clutch components are one of the important keys. Using our hi-tension clutch springs along with the hi-performance clutch discs will help improve the axial force and reducing the risk of clutch slipping.

Replacement parts

- ▶ Hi-performance clutch discs **FA623000**
- ▶ Hi-tension clutch springs **FT623001**



FA623002

Cam chain tensioner *for Honda Grom®*



MU623000

Made from resistant high quality material, our Koso chain tensioner could save your engine from expensive damage. We came up with this long lasting solution to replace the OEM chain tensioner which has a tendency to wear prematurely.

* The arm is made by Aluminum 6061, and the wheel is made by JIS SCM415 (=SAE 4115) Alloy Structure Steel (Chromium Molybdenum Steel).

* Works on stock engine and highly recommended to use with our Big Bore & 4V Head kit.

* Fits 2014 to 2017 engines.

Clutch enhanced lifter plate *for Honda Grom®*



FA623K00

The main difference between our Koso clutch enhanced lifter plate and the stock one is strength. Our CNC lifter plate is stronger to provide better durability and stability to the clutch during replacement, installation and shifting gears during high speed movement.

170cc big bore kit

for Honda Grom®

Want to unleash all the power your Honda Grom® can handle? Our 170cc Big Bore kit is the perfect addition for you ! The kit includes a ceramic coated cylinder, 61 mm forged piston, rings, pin, gasket kit and banjo bolts. Its compression ratio of 11.5 to 1 will allow you to still use premium pump gas and keep the reliability of a stock motor. Made from the best components available on the market, our 170cc big bore kit will amaze you !

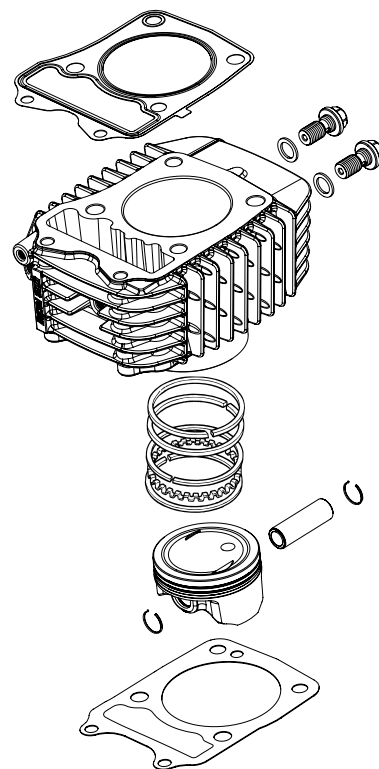


MB623002

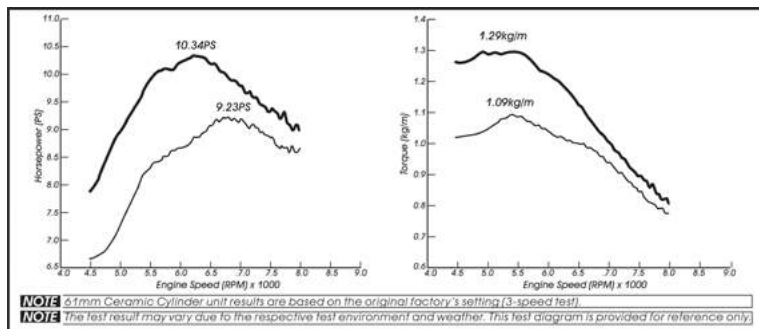
Specifications

Cylinder displacement	169.2 cc
Cylinder material	Aluminum / ceramic coated
Piston size	61 mm
Piston type	Forged
Compression ratio	11.5 to 1

Assembly



Test diagram



Replacement parts

- › Cylinder gasket kit **MA623100**
- › Intake manifold paper gaskets **DP623K00E**
- › Forged 2V piston kit **MD623000**
- › Banjo bolts kit **MO623100**

**Optional camshaft
(not included)**



4V head kit

for Honda Grom®

Our Koso 4V Head Kit is the ideal engine part to complete the Koso Honda Grom® Big Bore kit. Because of its unique 4 valve design, the air flow and performance are increased. This new designed head is the perfect addition for those who desire more power and torque. The 4 Valve Head Kit features a forged piston, stainless steel 24 mm intake valves and 20 mm exhaust valves.

* Requires the use of Iridium spark plug :
NGK-ER9EHIX or Denso #IY27, IY29 or IY31

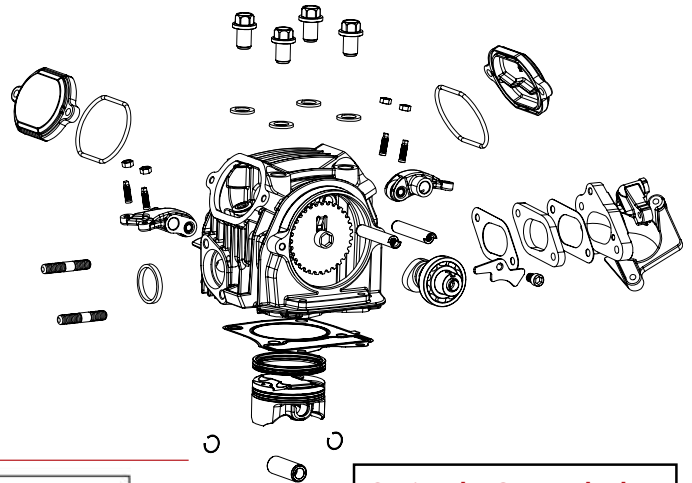


MC623000

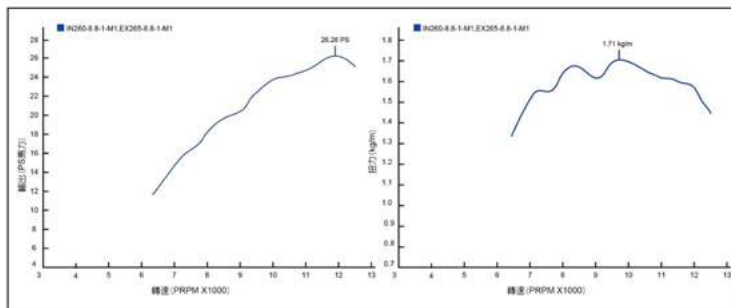
Specifications

Assembly

Cylinder height	64.2 mm
Gasket thickness	<ul style="list-style-type: none"> • Upper : 0.25 mm • Bottom : 0.5 mm
Piston compression height	19.5 mm
Volume	169.21 cc
Squish	1 mm
Cylinder head titration	13.4 cc
Compression ratio	12.3 : 1
Valve clearance / Tappet clearance	IN : 0.10 mm / EX : 0.17 mm
Camshaft	Torque : 1.71 Horsepower : 26.26 <i>* Measured without air filter & no noise reduction plug</i>



Test diagram



**Only fits Koso
170cc big bore kit**

170cc big bore kit & 4V head kit

for Honda Grom®

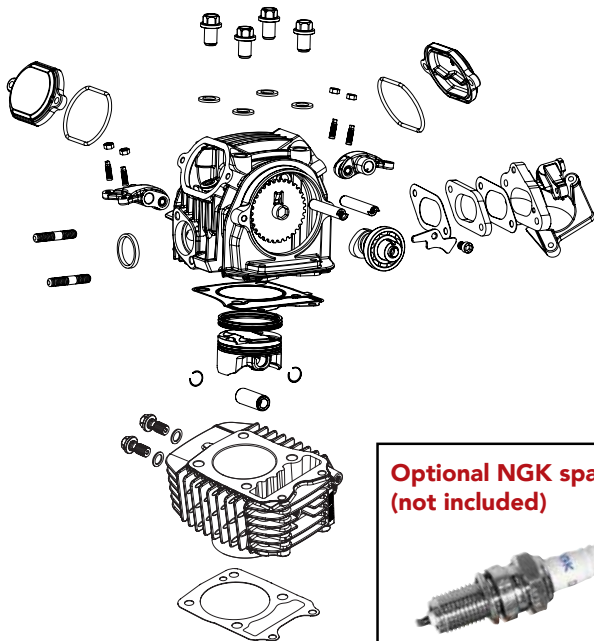
This complete top-kit is the perfect add-on for all horsepower enthusiast looking for performance ! It includes : a 170cc ceramic coated cylinder, forged piston, performance camshaft, bearing, rocker arms, 4 valve cylinder head, intake manifold, gaskets, and more. All parts are made from High-quality components for reliability and durability that allow you to put your mind at ease and ride with confidence !

* Requires the use of Iridium spark plug :
NGK-ER9EHIX or Denso #IY27, IY29 or IY31



MB623003

Assembly



CAMSHAFT



170cc CYLINDER



FORGED PISTON



ANODIZED SCREW



BANJO BOLTS



4V CYLINDER HEAD (BOTTOM VIEW)

Optional NGK spark plug
(not included)



Look through our comprehensive collection of motorcycle dashboard and gauges right away.