



KYORITSU · POWER CLAMP METERS · DATASHEET

Kyoritsu KEW 2060BT Clamp Power Meter

Model KEW 2060BT · Clamp Power Meter



Clamp power meter with a 75 mm teardrop jaw for busbars, measuring 1000 A, 1000 V, power, power factor and harmonics to the 30th with Bluetooth.

Key features

- Current up to 1000 A rms and voltage up to 1000 V rms, True RMS
- Active, reactive and apparent power, power factor and harmonics up to the 30th
- Teardrop jaw: Ø75 mm conductor or 80 × 30 mm busbar
- Internal memory, Bluetooth® 5.0 to Android™/iOS and USB to PC
- MAX/MIN/AVG/PEAK, data hold, backlight and auto power off
- CAT IV 600 V / CAT III 1000 V

Price and availability

Ask Industrial Supply Syndicate for the current price, stock and a quotation with GST and freight. Call +91 8961089611 or WhatsApp +91 89610 89611.

Specifications

Measurement	
Wiring connections	1P2W, 1P3W, 3P3W, 3P4W
Measurements and parameters	Voltage, current, frequency, active power, reactive power, apparent power, power factor (cos θ), phase angle, harmonics (THD-R / THD-F), phase rotation
AC Voltage	
Range and accuracy	1000 V; $\pm 0.7\%$ rdg ± 3 dgt (40.0 to 70.0 Hz), $\pm 0.3\%$ rdg ± 5 dgt (70.1 Hz to 1 kHz)
Crest factor	1.7 or less
AC Current	
Ranges and accuracy	40.00 / 400.0 / 1000 A (3-range auto); $\pm 1.0\%$ rdg ± 3 dgt (40.0 to 70.0 Hz), $\pm 2.0\%$ rdg ± 5 dgt (70.1 Hz to 1 kHz)
Crest factor	3 or less on 40.00 A / 400.0 A ranges; 3 or less, 1500 A peak on 1000 A range
Conductor size	Ø75 mm max. (busbar 80 × 30 mm)
Frequency	
Display range and accuracy	40.0 to 999.9 Hz; $\pm 0.3\%$ rdg ± 3 dgt
Power	
Active power	40.00 / 400.0 / 1000 kW; $\pm 1.7\%$ rdg ± 5 dgt (PF 1, sine wave, 45 to 65 Hz)
Apparent power	40.00 / 400.0 / 1000 kVA; ± 1 dgt against each calculated value; sum: add errors of each channel, 3P3W ± 2 dgt, 3P4W ± 3 dgt



Power (continued)

Reactive power	40.00 / 400.0 / 1000 kVar; ± 1 dgt against each calculated value; sum: add errors of each channel, 3P3W ± 2 dgt, 3P4W ± 3 dgt
Power factor	-1.000 to 0.000 to +1.000; ± 1 dgt against each calculated value; sum: add errors of each channel, 3P3W ± 2 dgt, 3P4W ± 3 dgt
Phase angle (1P2W only)	-180.0 to 0.0 to +179.9°; within $\pm 3.0^\circ$

Harmonics

Harmonics RMS	1st to 30th order; $\pm 5.0\%$ rdg ± 10 dgt (1st to 10th), $\pm 10\%$ rdg ± 10 dgt (11th to 20th), $\pm 20\%$ rdg ± 10 dgt (21st to 30th)
Total harmonics THD-R / THD-F	0.0% to 100.0%; ± 1 dgt against the calculated results of each measured value
Phase rotation	ACV 80 to 1100 V (45 to 65 Hz)

Safety

Measurement category	IEC 61010-1 CAT IV 600 V / CAT III 1000 V, pollution degree 2
Standards	IEC 61010-2-032, IEC 61326-1, -2-2 Class B

General

Other functions	MAX/MIN/AVG/PEAK, data hold, Bluetooth®, backlight, auto power off
Communication interface	Bluetooth® 5.0
Power source	LR6 (AA) (1.5 V) $\times 2$; continuous measuring time approx. 58 hours
Dimensions	283 (L) $\times$ 143 (W) $\times$ 50 (D) mm
Weight	Approx. 590 g (including batteries)

What's in the box

- Test leads (7290)
- Carrying case (9198)
- Battery (AA) (LR6) $\times 2$
- Instruction manual

Typical applications

- **Power Distribution** – Teardrop jaw clamps 80 $\times$ 30 mm busbars for power and harmonics checks at main boards.
- **Electrical Panel Testing** – Single- and three-phase power, PF and phase rotation on 1P2W to 3P4W systems.
- **Industrial Troubleshooting** – Harmonics to the 30th and THD help diagnose distorted supplies.

Official Kyoritsu documents

[KEW 2060BT product catalogue \(English\)](#) PDF · www.kew-ltd.co.jp

[KEW 2060BT instruction manual \(English\)](#) PDF · www.kew-ltd.co.jp



Order or ask for a quotation

Industrial Supply Syndicate supplies the Kyoritsu KEW 2060BT across India with a GST invoice. Tell us the quantity and delivery location; we reply with a quotation or proforma invoice including freight.

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