



## KYORITSU · POWER CLAMP METERS · DATASHEET

# Kyoritsu KEW 2062BT Clamp Power Meter

Model KEW 2062BT · Clamp Power Meter



Clamp power meter with a 55 mm teardrop jaw measuring 1000 A, 1000 V, power, power factor and harmonics to the 30th, with Bluetooth data transfer.

**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 for conductors up to Ø55 mm
- 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 300 V / CAT III 600 V / CAT II 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 $\theta$ ), phase angle, harmonics (THD-R / THD-F), phase rotation |
| AC Voltage                  |                                                                                                                                                                 |
| Range and accuracy          | 1000 V; $\pm 0.7\%$ rdg $\pm 3$ dgt (40.0 to 70.0 Hz), $\pm 0.3\%$ rdg $\pm 5$ 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 $\pm 3$ dgt (40.0 to 70.0 Hz), $\pm 2.0\%$ rdg $\pm 5$ 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              | Ø55 mm max.                                                                                                                                                     |
| Frequency                   |                                                                                                                                                                 |
| Display range and accuracy  | 40.0 to 999.9 Hz; $\pm 0.3\%$ rdg $\pm 3$ dgt                                                                                                                   |
| Power                       |                                                                                                                                                                 |
| Active power                | 40.00 / 400.0 / 1000 kW; $\pm 1.7\%$ rdg $\pm 5$ dgt (PF 1, sine wave, 45 to 65 Hz)                                                                             |
| Apparent power              | 40.00 / 400.0 / 1000 kVA; $\pm 1$ dgt against each calculated value; sum: add errors of each channel, 3P3W $\pm 2$ dgt, 3P4W $\pm 3$ dgt                        |



## Power (continued)

|                         |                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Reactive power          | 40.00 / 400.0 / 1000 kVar; $\pm 1$ dgt against each calculated value; sum: add errors of each channel, 3P3W $\pm 2$ dgt, 3P4W $\pm 3$ dgt |
| Power factor            | -1.000 to 0.000 to +1.000; $\pm 1$ dgt against each calculated value; sum: add errors of each channel, 3P3W $\pm 2$ dgt, 3P4W $\pm 3$ 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 $\pm 10$ dgt (1st to 10th), $\pm 10\%$ rdg $\pm 10$ dgt (11th to 20th), $\pm 20\%$ rdg $\pm 10$ dgt (21st to 30th) |
| Total harmonics THD-R / THD-F | 0.0% to 100.0%; $\pm 1$ 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 300 V / CAT III 600 V / CAT II 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              | 247 (L) $\times$ 105 (W) $\times$ 50 (D) mm                              |
| Weight                  | Approx. 490 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** – Active, reactive and apparent power and PF on 1P2W, 1P3W, 3P3W and 3P4W circuits.
- **Electrical Panel Testing** – 55 mm jaw suits sub-distribution boards in offices and small factories.
- **Industrial Troubleshooting** – Harmonics to the 30th and THD with Bluetooth logging to a phone.

## Official Kyoritsu documents

[KEW 2062BT product catalogue \(English\)](#) PDF · [www.kew-ltd.co.jp](http://www.kew-ltd.co.jp)

[KEW 2062BT instruction manual \(English\)](#) PDF · [www.kew-ltd.co.jp](http://www.kew-ltd.co.jp)



## Order or ask for a quotation

Industrial Supply Syndicate supplies the Kyoritsu KEW 2062BT 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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Online **[kyoritsumeters.in/product/kyoritsu-kew-2062bt-clamp-power-meter/](http://kyoritsumeters.in/product/kyoritsu-kew-2062bt-clamp-power-meter/)**  
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GSTIN **19ACDPC1843J1ZR**



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