

**NEW**



Quality and reliability is our tradition

**KYORITSU**

# CLAMP POWER METER

## KEW 2060BT

**Extremely large jaw with tear drop shape:**

**ideal solution for busbar and large currents!**

**Conductor size**

**Φ 75<sup>MAX</sup> mm**

**Busbar**

**80×30<sup>MAX</sup> mm**



**Current up to 1000A rms**

**Voltage up to 1000V rms**

**Harmonics up to 30th**

**Wireless communication with smartphone or tablet.**

- CAT IV 600V
- CAT III 1000V
- TRUE RMS
- W
- AC V
- AC A
- Hz
- PF
- DATA HOLD
- PEAK HOLD
- MAX/MIN AVG
- Bluetooth

KYORITSU ELECTRICAL INSTRUMENTS WORKS, LTD.

[www.kew-ltd.co.jp](http://www.kew-ltd.co.jp)

## ● KEW 2060BT Specifications

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
<b>AC Voltage</b>	
Range	1000V
Accuracy	$\pm 0.7\% \text{rdg} \pm 3 \text{dgt}$ (40.0 – 70.0Hz) $\pm 3.0\% \text{rdg} \pm 5 \text{dgt}$ (70.1 – 1kHz)
Crest factor	1.7 or less
<b>AC Current</b>	
Range	40.00/400.0/1000A (Auto-ranging)
Accuracy	$\pm 1.0\% \text{rdg} \pm 3 \text{dgt}$ (40.0 – 70.0Hz) $\pm 2.0\% \text{rdg} \pm 5 \text{dgt}$ (70.1 – 1kHz)
Crest factor	3 or less on 40.00A/400.0A range, 3 or less 1500A peak on 1000A range
<b>Frequency</b>	
Display range	40.0 – 999.9Hz
Accuracy	$\pm 0.3\% \text{rdg} \pm 3 \text{dgt}$
<b>Active power</b>	
Range	40.00/400.0/1000kW (Auto-ranging)
Accuracy	$\pm 1.7\% \text{rdg} \pm 5 \text{dgt}$ (PF1, sine wave, 45 – 65Hz) influence of phase angle within $\pm 3.0^\circ$
<b>Apparent power</b>	
Range	40.00/400.0/1000kVA (Auto-ranging)
<b>Reactive power</b>	
Range	40.00/400.0/1000kVar (Auto-ranging)
<b>Power factor</b>	
Display range	-1.000 – 0.000 – 1.000
<b>Phase angle (1P2W only)</b>	
Display range	-180.0 – 0.0 – +179.9
<b>Harmonics</b>	
Analysis order	1st – 30th order
Accuracy	$\pm 5.0\% \text{rdg} \pm 10 \text{dgt}$ (1 – 10th) $\pm 10\% \text{rdg} \pm 10 \text{dgt}$ (11 – 20th) $\pm 20\% \text{rdg} \pm 10 \text{dgt}$ (21 – 30th)
Phase rotation	ACV 80 – 1100V (45 – 65Hz)
Other functions	MAX / MIN / AVG / PEAK, Data hold, Back light, Auto power off
<b>General</b>	
Communication interface	Bluetooth® 5.0LE (Bluetooth Low Energy) Android™ 5.0 or more, iOS 10.0 or more *1
Power source	LR6 (AA) (1.5V) x2
Continuous measuring time	Approx. 58 hours
Conductor size	$\phi 75 \text{ mm}$ (max) and busbar of 80 x 30 mm or less
Dimensions / Weight	283 (L) x 143 (W) x 50 (D) mm / Approx. 590g (including batteries)
Applicable Standards	IEC 61010-1, IEC 61010-2-032 (main unit) / IEC 61010-031 (test leads) CAT IV 600 V / CAT III 1000 V Pollution degree 2, IEC 61326(EMC) Class B, EN50581 (RoHS), EN 301 489-1, EN 300 328, EN 62479, IEC 60529 (IP40)
Included Accessories	7290 (Test lead), 9198 (Soft case) LR6 (AA) x2, Instruction Manual

\*1 Please contact us with inquiries about the purchase of 2060BT.

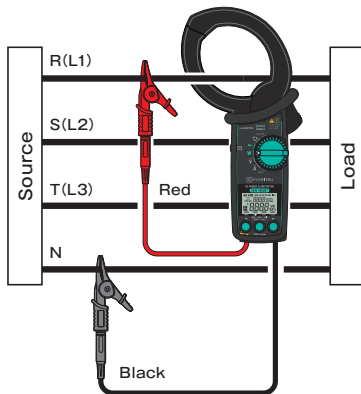
Bluetooth is a trademark or registered trademark of Bluetooth SIG, Inc.

Android is a trademark or registered trademark of Google Inc.

IOS is a trademark or registered trademark of Cisco Technology, Inc. in the United States and other countries.

### Power measurement on any wiring system is possible.

\* E.g.: 3P4W



KEW 2060BT can perform Single-phase 2-Wire / Single-phase 3-Wire and balance and unbalance measurements of Three-phase 3-Wire / Three-phase 4-Wire.

The double display can simultaneously show many parameters like W & PF, W & deg, W & VA, W & Var, V & A, etc.

### Use the application KEW Power\* to improve work efficiency



Download and install our special application "KEW Power\*" in your smartphone or tablet device for logging the measured values. Remote monitoring of voltage, current, power, trend graph of harmonics, and wave form is possible with "KEW Power\*"; this is helpful for simple Power Quality check. Measured values can be saved in your smartphone or tablet device in csv format: the data is editable in excel format.

#### ● Accessories



### Safety Warnings :

Please read the "Safety Warnings" in the instruction manual supplied with the instrument thoroughly and completely for correct use. Failure to follow the safety rules can cause fire, trouble, electrical shock, etc. Therefore, make sure to operate the instrument on a correct power supply and voltage rating marked on each instrument.

#### ■ For inquires or orders :



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