Quality and reliability is our tradition

KYORITSU

CLAMP POWER METER
KEW 2060BT / 2062 / 2062BT

Jaw shape with emphasis on the safety and the usability

KEW 2062/2062BT

KEW 2060BT

Current up to **1000A rms**
Voltage up to **1000V rms**
Harmonics up to **30th**

- Various measurement functions: current, voltage, power, harmonics and phase detection
- LCD can display simultaneously the values of voltage and frequency or power and power factor
- Each degree of harmonics can be shown on the LCD of the tester
- Bluetooth® communication function (2060BT and 2062BT only)

KEW CONNECT
Wireless communication with smartphone or tablet

TRUE RMS | AC A | AC V | W | Bluetooth | CE

KYORITSU ELECTRICAL INSTRUMENTS WORKS, LTD.
www.kew-ltd.co.jp

KEW 2060BT/2062/2062BT

Various measurement functions

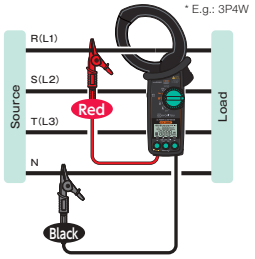
- Measurements of current, voltage, power, harmonics and phase detection are possible.
- True RMS: Indicates a correct value at the distorted waveform.
- Functions of PEAK, MAX, MIN, AVG are available.
  Easy to check the temporal change in the power source.
- LCD can display simultaneously the values of voltage and frequency or power and power factor.

- AC Current, Frequency
- AC Voltage, Frequency
- Power
- DATA HOLD
- Harmonics
- Phase detection
- SET UP

Input terminals can be used up to 3. Set the test leads according to the wiring configuration.

Power measurement

Power measurement on any wiring system is possible.



KEW 2060BT,KEW 2062 and KEW 2062BT 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.

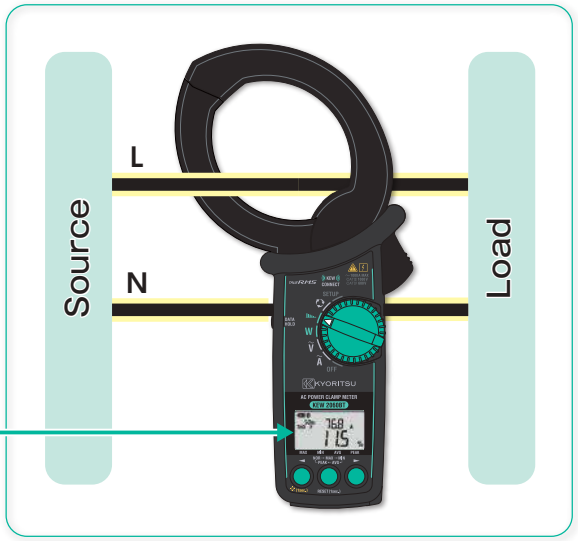
Various parameters such as active/reactive/apparent power, power factor, phase differences(1P2W only) which are required for the power measurement can be measured.

Total 3-phase power can be measured in simple steps.

By setting the CT and VT ratio and measuring the secondary side of the transformer, the primary side value can be obtained.

Harmonics measurement

Harmonics of the voltage and current, which cause various failures at the field, can be measured.
It is possible to measure and show each voltage and current harmonics up to 30th.
Total harmonics distortion factor is in two types of THD-R and THD-F.
Each degree of harmonics can be shown on the LCD of the tester.
Both the current value (or voltage value) and the content ratio can be displayed on the same screen.



Jaw shape with emphasis on the safety and the usability

Line up of two types of jaw to meet the test environment

- KEW 2060BT has a newly designed special jaw shape for using at a large busbar. Extremely large jaw with tear drop shape can clamp a large busbar with safe. (Conductor size 75mm, Busbar 80 x 30mm MAX)

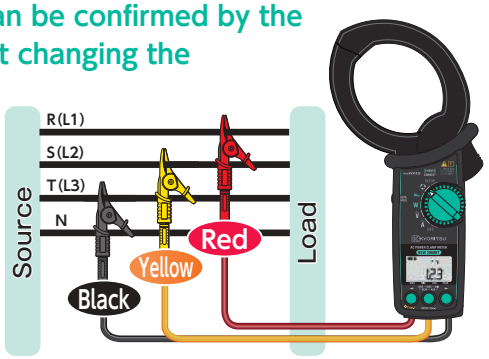
- KEW 2062 and KEW 2062BT have a tear drop shape jaw, and the size is convenient to use at a small-sized office and factory. (Conductor size 55mm)

Φ75 MAX mm

Tear drop shape jaw can keep the operator free from the danger of touching the busbar.

Phase detection

Positive phase and negative phase can be confirmed by the buzzer sound and the display without changing the connection of the leads.



KEW Power*

Bluetooth® (2060BT and 2062BT only)

- ○Dedicated Application "KEW Power*" supports both Android™ and iOS.
- ○LCD display can be checked at the smart devices.
- ○Measured values and graphs can be stored with a press of a button.
- ○Voltage and current can be shown in the waveform display. Existence of the harmonics can be found easy.
- ○Threshold of each measured value can be set at the application, and PASS and FAIL judgement is possible.

Please search "KEW Power*"

Communication charge may be incurred separately to download application.

Download on the App Store

iOS App

Application for iOS
Free iOS software"KEW Power*" is available on"App Store"

ANDROID APP ON Google Play

Android™App

Application for Android™
Free Android software"KEW Power*" is available on"Google Play Store"

KEW 2060BT / 2062 / 2062BT Specifications

		2060BT	2062/2062BT
Wiring connections		1P2W, 1P3W, 3P3W, 3P4W	
Measurements and parameters		Voltage, Current, Frequency, Active power, Reactive power, Apparent power,Power factor (cosθ), Phase angle,Harmonics(THD-R/THD-F), Phase rotation	
ACV			
	Range	1000V	
	Accuracy	±0.7%rdg±3dgt(40.0 to 70.0Hz) ±3.0%rdg±5dgt(70.1 to 1kHz)	
	Crest factor	1.7 or less	
ACA			
	Range	40.00/400.0/1000A (3 range auto)	
	Accuracy	±1.0%rdg±3dgt(40.0 to 70.0Hz) ±2.0%rdg±5dgt(70.1 to 1kHz)	
	Crest factor	3 or less on 40.00A/400.0A range, 3 or less 1500A peak on 1000A range	
Frequency			
	Display Range	40.0 to 999.9Hz	
	Accuracy	±0.3%rdg±3dgt	
Active power			
	Range	40.00/400.0/1000kW	
	Accuracy	±1.7%rdg±5dgt (PF1, sine wave, 45 to 65Hz)	
Apparent power			
	Range	40.00/400.0/1000kVA	
	Accuracy	±1dgt against each calculated value, Sum: add errors of each channel, 3P3W: ±2dgt, 3P4W: ±3dgt)	
Reactive power			
	Range	40.00/400.0/1000kVar	
	Accuracy	±1dgt against each calculated value, Sum: add errors of each channel, 3P3W: ±2dgt, 3P4W: ±3dgt)	
Power factor			
	Display Range	-1.000 to 0.000 to +1.000	
	Accuracy	±1dgt against each calculated value, Sum: add errors of each channel, 3P3W: ±2dgt, 3P4W: ±3dgt)	
Phase angle(1P2W only)			
	Display Range	-180.0 to 0.0 to +179.9	
	Accuracy	±3.0°	
Harmonics RMS(Content rate)			
	Analysis order	1st to 30th order	
	Accuracy	±5.0%rdg±10dgt (1 to 10th) ±10%rdg±10dgt (11 to 20th) ±20%rdg±10dgt (21 to 30th)	
Total harmonics THD-R/THD-F			
	Display Range	0.0% to 100.0%	
	Accuracy	±1dgt against the calculated results of each measured value	
Phase rotation		ACV 80 to 1100V(45 to 65Hz)	
Other functions		MAX/MIN/AVG/PEAK, Data hold, Bluetooth® (2060BT and 2062BT only), Backlight, Auto power off	
General			
	Communication interface	Bluetooth®5.0 (2060BT and 2062BT only)	
	Power source	LR6(AAA)(1.5V)×2	
	Continuous measuring time	Approx. 58 hours	
	Conductor size	Φ75mm max. (busbar of 80mm×30mm)	Φ55mm max.
	Dimension / Weight	283(L) × 143(W) × 49(D) mm / Approx. 590g (including batteries)	247(L)×105(W)×49(D)mm / Approx.490g (including batteries)
	Applicable standards	IEC 61010-1, IEC 61010-2-032, IEC 61326-1, 2-2(EMC), IEC 60529(IP40)	
		CAT Ⅳ 600V / CAT Ⅲ 1000V Pollution degree 2	CAT Ⅳ 300V / CAT Ⅲ 600V / CAT Ⅱ 1000V Pollution degree 2
	Accessories	7290 (Voltage test lead set) 9198 (Carrying case) LR6(AAA)×2, Instruction Manual	

Selection Guide of Power Meters

		Clamp Power Meter			Power Meter	Power Quality Analyzer
		2060BT	2062	2062BT	6305	6315
Appearance						
Voltage [V]		✓	✓	✓	✓	✓
Current [A]		✓	✓	✓	✓	✓
Power [W]		✓	✓	✓	✓	✓
Frequency [Hz]		✓	✓	✓	✓	✓
Energy [Wh]		–	–	–	✓	✓
Harmonics		✓	✓	✓	–	✓
Power Quality	Swell	–	–	–	–	✓
	Dip	–	–	–	–	✓
	Interruption	–	–	–	–	✓
	Transients	–	–	–	–	✓
	Inrush Current	–	–	–	–	✓
Conductor size		Φ75mm	Φ55mm	Φ55mm	Differs depending on the optional clamp sensors used.	Differs depending on the optional clamp sensors used.
Memory		–	–	–	SD card	SD card
Number of Input Channel		4ch(V3,A1)	4ch(V3,A1)	4ch(V3,A1)	6ch(V3,A3)	7ch(V3,A4)
Communication interface		Bluetooth®	–	Bluetooth®	USB,Bluetooth®	USB,Bluetooth®

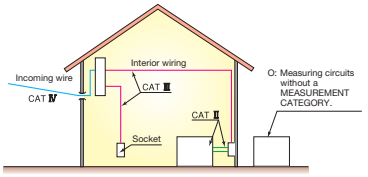
Accessories

7290 Voltage test lead set

9198 Carrying case

Measurement categories (CAT)

The figure shows an example of measurement category.
Measuring instruments designed for CAT IV environments can be used at the environments of CAT III, CAT II and CAT O.



An example of measurement category

CAT Ⅳ Measurement category

300V Nominal phase to earth voltage

Caution

The voltage value which follows after the category means the limit of the phase to earth voltage. It is not the limit of the phase to phase voltage. Therefore, in the case of a measuring instrument which complies with CAT IV 300V, it can be used at the electrical circuit up to 520V phase to phase at the 3-phase line connected by star connection.

Some countries regulate the compliance with their Radio Law of the products equipped with Bluetooth®. Please confirm it with your distributor before purchasing our products equipped with Bluetooth®.

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 inquiries or orders :

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