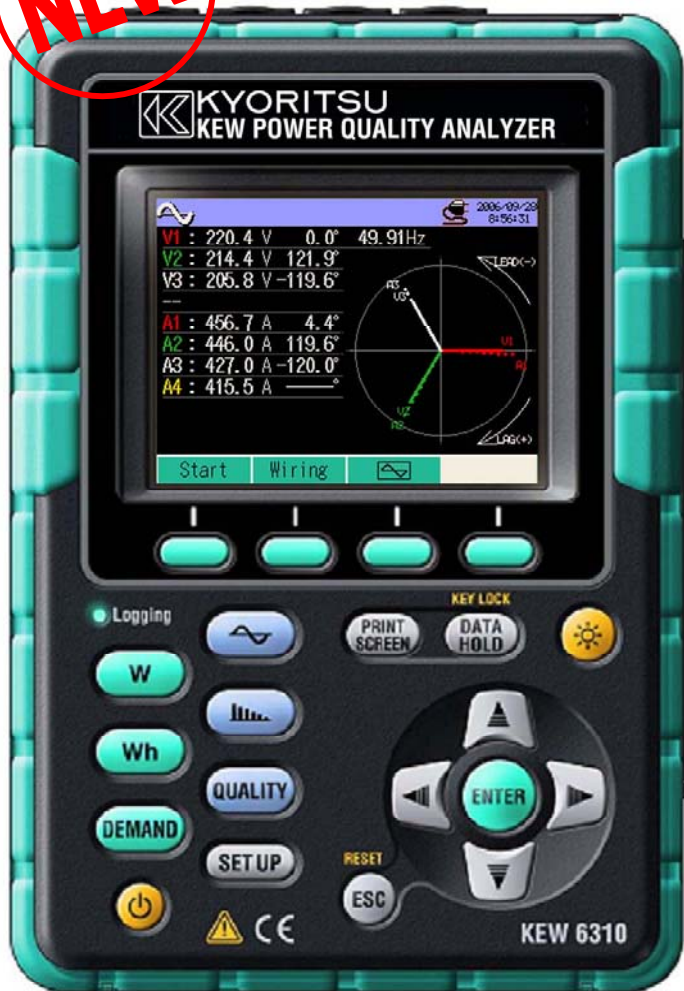


**Tentative**

# Power Quality Analyzer

**NEW**

## KEW 6310



Clamp Sensors  
(Option)



TRUE RMS CE




- Large Color LCD Display.
- Applicable to 4 Wiring Systems: 1P2W x 4, 1P3W x 2, 3P3W x 2, 3P4W.
- Provide various power measurements including Power Quality Analysis.
- True RMS value can be displayed.
- Provide Dual Power Supply Systems for AC Power Source and Battery operation. Rechargeable Ni-MH battery can be also used.
- Waveform and Vector display are switchable by touch pad key operation.
- Logging function for recording interval from 1 second up to 1 hour. :  
1/2/5/10/15/20/30 seconds, 1/2/5/10/15/20/30 minutes, 1 hour
- Storage data up to 1GB with compact flash card.
- Data download to PC through USB (with set up & analysis software)
- Fully comply with the latest International Safety standards IEC61010-1 CAT.Ⅲ 600V.

## ■ KEW6310 Specification

Wiring connections	1P2W(up to 4-circuit)/1P3W(up to 2-circuit)/3P3W(up to 2-circuit)/3P4W
Measurements and parameters	Voltage, Current, Frequency, Active power, Reactive power, Apparent power, Active energy, Reactive energy, Apparent energy, Power factor, Neutral Current Analyzer (Harmonic/Unbalance/Transients/Voltage dips/Voltage swells/Interruptions)
Voltage range	150/300/600/1000V (True RMS CF<2.5)
Current range	4 channel clamp input:0.1/0.5/1/5/10/20/50/100/200/300/500/1000/3000A/AUTO (Setting range is subject to change with clamp adaptor)(True-RMS CF<3)
Harmonic Analysis	Up to 63 <sup>rd</sup> harmonics, THD, phase angle
Accuracy	Voltage: $\pm 0.3\%rdg \pm 0.2\%f.s.$ , Current: $\pm 0.3\%rdg \pm 0.2\%f.s.$ + Clamp sensor accuracy Active power: $\pm 0.3\%rdg \pm 0.2\%f.s.$ + Clamp sensor accuracy
Effect of power factor	$\pm 1.0\%rdg \cos \theta = \pm 0.5(PF=1)$
Frequency range	40~70Hz
Demand range	Electricity consumption monitor Digital output signal alert the user predict value may exceed the preset target value
WAVE range	Display vector/waveform of voltages and currents per channel
Interval time for recording function	1/2/5/10/15/20/30 seconds, 1/2/5/10/15/20/30 minutes, 1 hour
Internal memory capacity	1.8MB (can be saved 6 measurement csv files and 7 print screen bmp files and 20 setup files)
Display	3.5-inch Color LCD (320 x 240 Dot)
Display language	Japanese/English convertible
Storage temperature and humidity ranges	-20~60°C, less than 85%RH (without condensation)
Operating temperature and humidity ranges	0~40°C, less than 85%RH (without condensation)
Others	With DC input terminal (50mV/500mV/5V ranges setting)
PC card Interface	CF card 32/64/128/256/512MB/1GB
Safety standard (EMC standard)	EN61010-1:2001 CAT III 600 V Pollution degree2 (EN61326 (2001) Class A)
Power supply	AC100V~240V, Alkaline dry-cell batteries LR6 x 6 or NiMH rechargeable batteries
Dimension	175(L) x 120(W) x 68(D) mm
Weight	Approx. 0.9kg
Accessories	Test lead (4pcs), Mains cord, PC Software, USB Cable, CF card, Quick Manual, Carrying bag, Alkaline Batteries (6pcs)

## ■ Clamp Sensor (Option) Specification

MODEL	8129-01(1ch)	8129-02(2ch)	8129-03(3ch)	8128
Appearance	 $\phi 150$ CE			 $\phi 24$ CE
Rated Current	AC 300/1000/3000A			AC 5A (Max.50A)
Output Voltage	300A: AC500mV/300A (1.67mV/A) 1000A: AC500mV/1000A (0.5mV/A) 3000A: AC500mV/3000A (0.167mV/A)			AC50mV/5A [Max.500mV/50A] (10mV/A)
Phase shift	within $\pm 1.0^\circ$ (45~65Hz)			within $\pm 2.0^\circ$ (45~65Hz)
Output impedance	Approx.100 $\Omega$			Approx.19 $\Omega$
Dimension	111x61x43mm			100x60x26mm
Weight	Approx.410g	Approx.680g	Approx.950g	Approx.160g

MODEL	8127	8126	8125	8124
Appearance	 $\phi 24$ CE	 $\phi 40$ CE	 $\phi 40$ CE	 $\phi 68$ CE
Rated Current	AC 100A	AC 200A	AC 500A	AC 1000A
Output Voltage	AC500mV/100A	AC500mV/200A	AC500mV/500A	AC500mV/1000A
Phase shift	within $\pm 2.0^\circ$ (45~65Hz)		within $\pm 1.0^\circ$ (45~65Hz)	
Output impedance	Approx.10 $\Omega$	Approx.5 $\Omega$	Approx.2 $\Omega$	Approx.1 $\Omega$
Dimension	100x60x26mm	128x81x36mm		186x129x53mm
Weight	Approx.160g	Approx.260g		Approx.510g



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