

KEW 4200

KEW 4200 - Kyoritsu Earth Clamp Testers

Rating: Not Rated Yet
2-3 Days

[Ask a question about this product](#)

Manufacturer [KYORITSU](#)

Description

- The earth resistance from 0.05 to 1500 Ω can be measured without the auxiliary earth spikes. (The Multiple Earthing System.)
 - True RMS
- Accurate true RMS readings of AC current including distorted waveform from 1mA to 30.0A
- Noise Check Function
- A function to detect current, which effects on an earth resistance measurement and display "NOISE" mark on the LCD.
- Memory function
- Save and display up to 100 measurement data.
- Data hold function / Buzzer function / Back light function
 - Compliant with Safety Standards of IEC 61010-1 : CAT IV 300V Pollution degree2

Note:

A single earthing can not be measured. (Only for Multiple Earthing System)

Earth resistance Auto range	20.00/200.0/1500 Ω $\pm 1.5\% \pm 0.05\% (0.00 - 20.99\Omega)^*$ $\pm 2\% \pm 0.5\% (16.0 - 99.9\Omega)$ $\pm 3\% \pm 2\% (100.0 - 209.9\Omega)$ $\pm 5\% \pm 5\% (160 - 399\Omega)$ $\pm 10\% \pm 10\% (400 - 599\Omega)$
AC current (50Hz/60Hz) Auto range	Values are displayed, but accuracy isn't guaranteed(600 - 1580 Ω) 100.0/1000mA/10.00/30.0A $\pm 2\% \pm 0.7mA (0.0 - 104.9mA)$ $\pm 2\% (80mA - 31.5A)$
Operating indication	Earth resistance function : Constant voltage injection Current detection (Frequency : Approx.2400Hz) Dual Integration AC current function : Successive approximation

Over-range indication	"OL" is displayed when input exceeds the upper limit of a measuring range
Response time	Approx. 7 seconds (Earth resistance) Approx. 2 seconds (AC current)
Sample rate	Approx. 1 times per second
Current consumption	Approx. 50mA (max.100mA)
Measurement time	Approx.12 hours (when R6 is used) Approx.24 hours (when LR6 is used)
Auto power-off	Turns power off about 10 minutes after the last button operation.
Conductor size	Approx. Ø32mm
Applicable standards	IEC 61010-1 CAT ? 300V Pollution degree2 IEC 61010-2-032, IEC 61326 (EMC)
Power source	DC6V : R6(sizeAA manganese battery) x 4 or LR6 (sizeAA alkaline battery) x 4
Dimensions	246(L)x120(W)x54(D)mm
Weight	Approx. 780g (including batteries)
Included Accessories	R6 x 4, Instruction manual 8304 (Resister for operation check) 9166 (Carrying case[Hard])