



Kyoritsu 4202 Earth Clamp Tester

Features at a glance

- The earth resistance from 0.05 to 1500Ω can be measured without the auxiliary earth spikes in Multi-earthing systems
- True RMS leakage or phase current readings from 0.1mA to 30.0A provides vital additional information in earthing networks
- Filter function offers increased immunity to electrical noise and a Noise mark appears in excessively high noisy environments
- Memory function up to 100 data points
- Bluetooth communication

Specifications



Earth Resistance Auto Range	20.00/200.0/1500Ω ±1.5%±0.05Ω(0.00 - 20.99Ω)* ±2%±0.5Ω(16.0 - 99.9Ω) ±3%±2Ω(100.0 - 209.9Ω) ±5%±5Ω(160 - 399Ω) ±10%±10Ω(400 - 599Ω) Values are displayed, but accuracy isn't guaranteed(600 - 1580Ω)
AC current (50Hz/60Hz) Auto range	100.0/1000mA/10.00/30.0A ±2%±0.7mA(0.0 - 104.9mA) ±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
Communication Interface	Bluetooth Ver2.1 + EDR Class2
Power source	LR6/R6(AA)(1.5V) × 4
Current consumption	Approx. 50mA (max.100mA)
Measurement time	Approx. 5 hours (when R6 is used) Approx. 21 hours (when LR6 is used)
Auto power-off	Approximately 10 minutes after the last button operation.
Applicable Standards	IEC 61010-1 CAT IV 300V Pollution degree2 IEC 61010-2-032, IEC 61326 (EMC)
Conductor size	Approx. φ32mm
Dimension	246(L) × 120(W) × 54(D)mm
Weight	Approx. 780g (including batteries)
Accessories	LR6(AA) × 4, Instruction manual 8304 (Resister for operation check) 9167 (Carrying case[Hard])