



KYORITSU · EARTH TESTERS · DATASHEET

Kyoritsu KEW 4202 Earth Clamp Tester with Bluetooth

Model KEW 4202 · Earth Clamp Tester with Bluetooth



Bluetooth version of the MODEL 4200 earth clamp tester: spikeless earth resistance 0.05–1500 Ω , True RMS current to 30 A, Bluetooth 5.0 transfer.

Key features

- Bluetooth 5.0 for data transfer to Android devices
- Earth resistance 0.05 to 1500 Ω without auxiliary earth spikes
- True RMS leakage or phase current 0.1 mA to 30.0 A
- Filter function with noise mark for high-noise environments
- Memory for up to 100 data
- Conductor size approx. $\varnothing$ 32 mm
- IEC 61010-1 CAT IV 300 V

Price and availability

Ask Industrial Supply Syndicate for the current price, stock and a quotation with GST and freight. Call +91 8961089611 or WhatsApp +91 89610 89611.

Specifications

Earth Resistance

Ranges and accuracy 20.00 / 200.0 / 1500 Ω (auto-ranging); $\pm 1.5\%$ ± 0.05 Ω (0.00–20.99 Ω ; 4 counts or less corrected to 0), $\pm 2\%$ ± 0.5 Ω (16.0–99.9 Ω), $\pm 3\%$ ± 2 Ω (100.0–209.9 Ω), $\pm 5\%$ ± 5 Ω (160–399 Ω), $\pm 10\%$ ± 10 Ω (400–599 Ω); 600–1580 Ω displayed, accuracy not guaranteed

Operating principle Constant voltage injection, current detection (approx. 2400 Hz), dual integration

Response time Approx. 7 seconds

AC Current

Ranges and accuracy 100.0 / 1000 mA / 10.00 / 30.0 A (50/60 Hz, auto-ranging); $\pm 2\%$ ± 0.7 mA (0.0–104.9 mA), $\pm 2\%$ (80 mA–31.5 A); crest factor ≤ 2.5 (peak not exceeding 60 A)

Operating principle Successive approximation

Response time Approx. 2 seconds

Display & Data

Over-range indication "OL" displayed when input exceeds the upper limit of a range

Sample rate Approx. 1 time per second

Memory Up to 100 data

Communication interface Bluetooth 5.0

Conductor size Approx. $\varnothing$ 32 mm



Safety

Measurement category IEC 61010-1 CAT IV 300 V, pollution degree 2

Standards IEC 61010-2-032, IEC 61326 (EMC)

General

Power source LR6 / R6 (AA, 1.5 V) × 4; current consumption approx. 50 mA (max. 100 mA); measurement time approx. 5 hours (R6), approx. 21 hours (LR6); auto power off approx. 10 minutes after last button operation

Dimensions 246 (L) × 120 (W) × 54 (D) mm

Weight Approx. 780 g (including batteries)

What's in the box

- Resistor for operation check (8304)
- Carrying case (hard) (9167)
- AA battery (LR6) × 4
- Instruction manual

Typical applications

- **Earth Resistance Testing** – Spikeless earth resistance 0.05–1500 Ω on multi-earthed systems.
- **Power Distribution** – Checks earth loops on distribution networks; leakage current 0.1 mA–30 A.
- **Field Electrical Testing** – Bluetooth 5.0 sends readings to an Android device for field records.

Official Kyoritsu documents

[KEW 4202 product catalogue \(English\)](#) PDF · www.kew-ltd.co.jp

[KEW 4202 instruction manual \(English\)](#) PDF · www.kew-ltd.co.jp

Order or ask for a quotation

Industrial Supply Syndicate supplies the Kyoritsu KEW 4202 across India with a GST invoice. Tell us the quantity and delivery location; we reply with a quotation or proforma invoice including freight.

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