



KYORITSU · EARTH TESTERS · DATASHEET

Kyoritsu KEW 4105DLBT Digital Earth Resistance Tester with Bluetooth

Model KEW 4105DLBT · Digital Earth Resistance Tester with Bluetooth



Bluetooth version of the IP67 KEW 4105DL earth tester: earth resistance to 2000 Ω , AC/DC earth voltage to 300 V, supplied as a cable reel set.

Key features

- Built-in Bluetooth 5.0 for data transfer
- Noise rejection up to 25 V rms
- 3-pole and 2-pole earth resistance, 0.01 to 2000 Ω
- Dust and waterproof to IEC 60529 IP67
- Earth voltage measurement, AC/DC 0 to 300 V
- Cable reel set: 20 m and 10 m leads on reels, 9190 carrying case
- IEC 61010-1 CAT IV 100 V / CAT III 150 V / CAT II 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

Measuring range	0.00–2000 Ω
Display range	20 Ω : 0.00–20.99 Ω ; 200 Ω : 0.0–209.9 Ω ; 2000 Ω : 0–2099 Ω
Accuracy	20 Ω : $\pm 1.5\%$ rdg $\pm 0.08 \Omega$; 200 / 2000 Ω : $\pm 1.5\%$ rdg ± 4 dgt
Auxiliary earth resistance	20 Ω : <10 k Ω ; 200 Ω : <50 k Ω ; 2000 Ω : <100 k Ω
Comparator reference value	10 Ω / 100 Ω / 500 Ω

Earth Voltage

Range and accuracy	0–300 V AC (45–65 Hz), ± 0 to ± 300 V DC; display 0.0–314.9 V / 0.0 to ± 314.9 V; $\pm 1\%$ rdg ± 4 dgt
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Communication

Communication interface	Bluetooth 5.0
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Safety

Measurement category	IEC 61010-1 CAT IV 100 V / CAT III 150 V / CAT II 300 V, pollution degree 3
Standards	IEC 61010-2-030, IEC 61010-031, IEC 61557-1, 5, IEC 61326-1, 2-2
Ingress protection	IEC 60529 IP67



General

Power source	LR6 (AA, 1.5 V) × 6
Dimensions	121 (L) × 188 (W) × 59 (D) mm (including case lid)
Weight	Approx. 690 g (including batteries and case lid)

What's in the box

- Simplified measurement probe (7127B)
- Auxiliary earth spikes (set of 2) (8041)
- Shoulder strap (9121)
- Cable reel for earth resistance tester (red 20 m) (7267)
- Cable reel for earth resistance tester (yellow 10 m) (7268)
- Earth resistance test lead (green 5 m) (7271)
- Carrying case (9190)
- AA battery (LR6) × 6
- Instruction manual

Typical applications

- **Earth Resistance Testing** – 3-pole and 2-pole earth resistance 0.01–2000 Ω; AC/DC earth voltage to 300 V.
- **Field Electrical Testing** – IP67 cable reel kit; Bluetooth 5.0 sends results to a mobile device.

Official Kyoritsu documents

[KEW 4105DLBT-H product catalogue \(English\) – same tester, hard-case version](#) PDF · www.kew-ltd.co.jp

[KEW 4105DLBT instruction manual \(English\)](#) PDF · www.kew-ltd.co.jp

Order or ask for a quotation

Industrial Supply Syndicate supplies the Kyoritsu KEW 4105DLBT 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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