



KYORITSU · EARTH TESTERS · DATASHEET

Kyoritsu KEW 4105DL Digital Earth Resistance Tester

Model KEW 4105DL · Digital Earth Resistance Tester



IP67 dust and waterproof digital earth tester for 3-pole/2-pole earth resistance to 2000 Ω and AC/DC earth voltage to 300 V, with cable reels.

Key features

- 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
- LED shows whether auxiliary earth spike resistance is acceptable
- Rotary switch operation and large backlit LCD
- 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 $\pm 0.08 \Omega$ (add $\pm 0.10 \Omega$ for simplified measurement); 200 / 2000 Ω : $\pm 1.5\%$ rdg ± 4 dgt; precision measurement with auxiliary earth resistance 100 Ω $\pm 5\%$ or less
Auxiliary earth resistance	20 Ω : <10 k Ω ; 200 Ω : <50 k Ω ; 2000 Ω : <100 k Ω ; accuracy $\pm 5\%$ rdg ± 10 dgt
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
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) $\times$ 6
Dimensions	121 (L) $\times$ 188 (W) $\times$ 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.
- **Electrical Safety Testing** – Earth resistance testing to IEC 61557-5; CAT IV 100 V rated.
- **Field Electrical Testing** – IP67 body with cable reels for 20 m and 10 m leads.

Official Kyoritsu documents

[KEW 4105DL product catalogue \(English\)](#) PDF · www.kew-ltd.co.jp

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

Order or ask for a quotation

Industrial Supply Syndicate supplies the Kyoritsu KEW 4105DL across India with a GST invoice. Tell us the quantity and delivery location; we reply with a quotation or proforma invoice including freight.

Phone +91 8961089611
WhatsApp +91 89610 89611
Email info@kyoritsumeters.in
Online kyoritsumeters.in/product/kyoritsu-kew-4105dl-earth-tester/
Address 54, Ezra Street, Kolkata, West Bengal 700000, India
GSTIN 19ACDPC1843J1ZR



Scan to WhatsApp us