



KYORITSU · EARTH TESTERS · DATASHEET

Kyoritsu MODEL 4102A Analog Earth Resistance Tester

MODEL 4102A · Analog Earth Resistance Tester



Analog IP54 earth tester reading 3-pole/2-pole earth resistance directly from the scale to 1200 Ω , plus earth voltage to 30 V AC, in a soft case.

Key features

- 3-pole and 2-pole earth resistance, read directly from the analog scale
- Ranges $\times 1$ / $\times 10$ / $\times 100$ Ω (0–12 / 0–120 / 0–1200 Ω)
- Earth voltage measurement to 30 V AC
- "OK" lamp confirms lead connection and auxiliary spike resistance
- 2 mA measuring current avoids tripping earth leakage breakers
- Dust and drip proof to IEC 60529 IP54
- Supplied with 9084 soft carrying case

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	$\times 1$ Ω : 0–12 Ω ; $\times 10$ Ω : 0–120 Ω ; $\times 100$ Ω : 0–1200 Ω
Accuracy	$\pm 3\%$ of full scale
Method	3-pole and 2-pole
Measuring current	2 mA
Earth Voltage	
Range and accuracy	0–30 V AC (50/60 Hz); $\pm 3\%$ of full scale
Protection	
Overload protection	Earth resistance: 276 V AC/DC (10 seconds); earth voltage: 276 V AC/DC (10 seconds)
Safety	
Measurement category	IEC 61010-1 CAT III 300 V, pollution degree 2
Standards	IEC 61010-2-030, IEC 61557-1, 5
Ingress protection	IEC 60529 IP54
General	
Power source	R6 (AA, 1.5 V) $\times 6$
Dimensions	105 (L) $\times$ 158 (W) $\times$ 70 (D) mm (including case lid)
Weight	Approx. 600 g (including batteries and case lid)



What's in the box

- Earth resistance test leads (red 20 m, yellow 10 m, green 5 m) (7095A)
- Simplified measurement probe (7127B)
- Auxiliary earth spikes (set of 2) (8032)
- Shoulder strap (9121)
- Carrying case (9084)
- AA battery (R6) × 6
- Instruction manual

Typical applications

- **Earth Resistance Testing** – Analog 3-pole and 2-pole earth resistance to 1200 Ω ; earth voltage to 30 V AC.
- **Field Electrical Testing** – IP54 analog tester with 20 m / 10 m / 5 m leads and spikes.

Official Kyoritsu documents

MODEL 4102A product catalogue (English) PDF · www.kew-ltd.co.jp

MODEL 4102A instruction manual (English) PDF · www.kew-ltd.co.jp

Order or ask for a quotation

Industrial Supply Syndicate supplies the Kyoritsu MODEL 4102A 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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