



KYORITSU · EARTH TESTERS · DATASHEET

Kyoritsu MODEL 4102A-H Analog Earth Resistance Tester (Hard Case)

MODEL 4102A-H · Analog Earth Resistance Tester (Hard Case)



Hard case version of the analog MODEL 4102A earth tester:
3-pole/2-pole earth resistance to 1200 Ω and earth voltage to 30 V AC, 9164 hard case.

Key features

- Hard carrying case MODEL 9164 supplied as standard
- 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
- 2 mA measuring current avoids tripping earth leakage breakers
- Dust and drip proof to IEC 60529 IP54

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	±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); ±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)



General (continued)

Carrying case	MODEL 9164 hard case
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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 (hard) (9164)
- 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** – MODEL 4102A kit packed in a 9164 hard carrying case.

Official Kyoritsu documents

MODEL 4102A product catalogue (English) – same tester, supplied here in a hard case PDF · www.kew-ltd.co.jp

Kyoritsu Shortform Catalogue 2026 (English) – includes the MODEL 4102A-H PDF · www.kew-ltd.co.jp

Order or ask for a quotation

Industrial Supply Syndicate supplies the Kyoritsu MODEL 4102A-H 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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