



KYORITSU · INSULATION TESTERS · DATASHEET

Kyoritsu MODEL 3131A Analog Insulation / Continuity Tester

MODEL 3131A · Analog Insulation / Continuity Tester



Analog insulation and continuity tester with 250 V/100 MΩ, 500 V/200 MΩ and 1000 V/400 MΩ ranges plus 2/20 Ω continuity at 200 mA.

Key features

- Three insulation ranges: 250 V/100 MΩ, 500 V/200 MΩ, 1000 V/400 MΩ
- Continuity ranges 2 / 20 Ω with 200 mA minimum measuring current
- Live circuit warning lamp plus audible warning
- Automatic discharge of circuit capacitance when TEST is released
- PRESS TO TEST button with lock-down, backlight and battery check LED
- Fuse protection on the continuity range; zero adjustment on panel
- IEC 61010-1 CAT III 300 V, 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

Insulation Resistance

Test voltage	250 / 500 / 1000 V
Measuring ranges (mid-scale value)	100 / 200 / 400 MΩ (1 / 2 / 4 MΩ)
Output voltage on open circuit	Rated test voltage +20%, -0%
Nominal current	1 mA DC min.
Output short circuit current	Approx. 1.3 mA DC
Accuracy	±5% of indicated value (accuracy guaranteed ranges 0.1 to 10 / 0.2 to 20 / 0.4 to 40 MΩ)

Continuity

Measuring ranges (mid-scale value)	2 / 20 Ω (1 / 10 Ω)
Output voltage on open circuit	4 to 9 V DC
Measuring current	200 mA DC min.
Accuracy	±3% of scale length

Safety

Measurement category	IEC 61010-1 CAT III 300 V, pollution degree 2
Standards	IEC 61010-2-034, IEC 61557-1, 2, 4, IEC 60529 (IP54), IEC 61326-1 (EMC)



General

Power source	R6 (AA) (1.5 V) × 6
Dimensions	167 (L) × 185 (W) × 89 (D) mm
Weight	Approx. 860 g

What's in the box

- Test leads with pouch (7122B)
- Cord case (9074)
- Fuse [0.5 A / 600 V] (1 fitted, 1 spare) (8923) × 2
- Battery (R6 (AA)) × 6
- Shoulder strap (9121)
- Instruction manual

Typical applications

- **Insulation Testing** – Analog 250/500/1000 V insulation testing up to 400 MΩ.
- **Electrical Panel Testing** – 2/20 Ω continuity ranges at 200 mA for bonding and conductor checks.

Official Kyoritsu documents

MODEL 3131A product catalogue (English) PDF · www.kew-ltd.co.jp

MODEL 3131A instruction manual (English) PDF · www.kew-ltd.co.jp

Order or ask for a quotation

Industrial Supply Syndicate supplies the Kyoritsu MODEL 3131A 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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