



KYORITSU · INSULATION TESTERS · DATASHEET

Kyoritsu KEW 3431 Analog Insulation Tester

Model KEW 3431 · Analog Insulation Tester



Compact analog insulation tester with 250/500/1000 V test voltages, AC/DC voltage measurement, auto scale light and LED pass/fail indicator.

Key features

- Insulation test voltages 250 / 500 / 1000 V
- Red/green LED insulation state indicator (0.25 / 0.5 / 1 MΩ)
- Scale light and LED spot light with automatic on/off by illuminance sensor
- Live circuit warning with blinking LED and buzzer
- AC 600 V and DC 600 V voltage measurement
- Test lead with remote control switch supplied as standard
- IEC 61010-1 CAT III 600 V; approx. 430 g

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
Max. effective scale value	200 MΩ (250 / 500 V), 2000 MΩ (1000 V)
Mid-scale value	5 MΩ (250 / 500 V), 50 MΩ (1000 V)
First effective measuring range	0.1 to 100 MΩ (250 / 500 V), 1 to 1000 MΩ (1000 V)
Accuracy (first range)	±5% of indicated value
Second effective measuring range	Measuring ranges other than above, 0 and ∞
Accuracy (second range)	±10% of indicated value
LED insulation state indicator (red/green)	0.25 MΩ (250 V), 0.5 MΩ (500 V), 1 MΩ (1000 V)

Voltage

Voltage range	AC 600 V [45 to 65 Hz], DC 600 V
Accuracy	±5% of full scale value

Safety

Measurement category	IEC 61010-1, 2-030 CAT III 600 V
Standards	IEC 61557-1, -2, IEC 61010-031, IEC 61010-2-034



General

Power source	LR6/R6 (AA) (1.5 V) × 4
Dimensions	97 (L) × 156 (W) × 46 (D) mm
Weight	Approx. 430 g

What's in the box

- Test lead with remote control switch (7260)
- Test lead with alligator clip (7261A)
- Extension prod long (8017A)
- Shoulder strap (9121)
- Carrying case (9173)
- Battery (LR6 (AA)) × 4
- Instruction manual

Typical applications

- **Insulation Testing** – Analog 250/500/1000 V insulation tests with red/green LED pass indication.
- **Field Electrical Testing** – Scale light and spot light with automatic switching for dim or night work.

Official Kyoritsu documents

[KEW 3431 product catalogue \(English\)](#) PDF · www.kew-ltd.co.jp

[KEW 3431 instruction manual \(English\)](#) PDF · www.kew-ltd.co.jp

Order or ask for a quotation

Industrial Supply Syndicate supplies the Kyoritsu KEW 3431 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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