



KYORITSU · INSULATION TESTERS · DATASHEET

Kyoritsu KEW 3125B High Voltage Insulation Tester

Model KEW 3125B · HSN 9030 3900 · High Voltage Insulation Tester



5 kV high-voltage insulation tester: 250 V to 5000 V, readings to 1 T Ω , PI/DAR diagnostics, noise filter and hard carrying case.

Key features

- Test voltages 250 / 500 / 1000 / 2500 / 5000 V
- Insulation resistance up to 1 T Ω (1000 G Ω at 5000 V)
- Short-circuit current up to 1.5 mA
- PI and DAR diagnostic functions
- Filter function reduces noise interference
- Large display with bar graph and backlight
- Live voltage warning; AC/DC voltage measurement to 600 V
- Supplied in a hard carrying case; guard cord included

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 voltages	250 / 500 / 1000 / 2500 / 5000 V
Measuring range	250 V: 0.0–100.0 M Ω ; 500 V: to 1000 M Ω ; 1000 V: to 2.00 G Ω ; 2500 V: to 100.0 G Ω ; 5000 V: to 1000 G Ω
Accuracy	$\pm 5\%$ rdg ± 3 dgt; $\pm 20\%$ rdg at 100 G Ω or more (5000 V)
Rated test current	0.7–0.9 mA at 0.25 M Ω (250 V); 0.8–1 mA at 0.5 M Ω (500 V); 1–1.2 mA at 1 M Ω (1000 V), 2.5 M Ω (2500 V) and 5 M Ω (5000 V)
Open circuit voltage	250 V $\pm 10\%$; 500 V $+20\%/-10\%$; 1000, 2500, 5000 V $+20\%/-0\%$
Short circuit current	1.5 mA
Diagnostic tests	PI, DAR

Voltage

AC V	30–600 V AC (50/60 Hz) $\pm 2\%$ rdg ± 3 dgt
DC V	± 30 to ± 600 V DC $\pm 2\%$ rdg ± 3 dgt

Safety

Measurement category	IEC 61010-1, 61010-2-030 CAT IV 300 V / CAT III 600 V, pollution degree 2
Standards	IEC 61010-031, IEC 61326-1, 2-2

General

Power source	DC 12 V: LR14/R14 (C) $\times 8$
Dimensions	177 (L) $\times$ 226 (W) $\times$ 100 (D) mm; hard case 300 $\times$ 315 $\times$ 125 mm



General (continued)

Weight

Approx. 1.9 kg (with batteries); approx. 4 kg with accessories

What's in the box

- Line probe (7165A)
- Earth cord (7264)
- Guard cord (7265)
- Hook type prod (8019)
- Carrying case (hard) (9204)
- C-size alkaline battery (LR14) × 8
- Instruction manual

Typical applications

- **Insulation Testing** – Insulation tests from 250 V to 5000 V with readings to 1 TΩ.
- **Motor Testing** – PI and DAR insulation diagnosis at up to 5 kV.
- **Power Distribution** – High-voltage insulation testing up to 5000 V.

Official Kyoritsu documents

KEW 3125B product catalogue (English) PDF · www.kew-ltd.co.jp

KEW 3125B instruction manual (English) PDF · www.kew-ltd.co.jp

Order or ask for a quotation

Industrial Supply Syndicate supplies the Kyoritsu KEW 3125B 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-3125b-high-voltage-insulation-tester/
Address 54, Ezra Street, Kolkata, West Bengal 700000, India
GSTIN 19ACDPC1843J1ZR



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