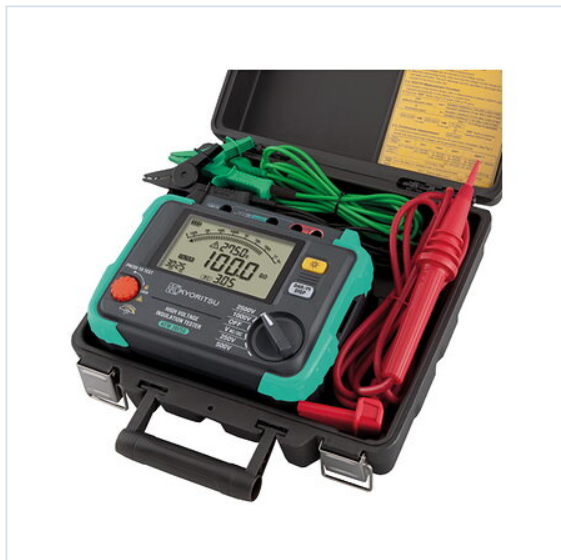




KYORITSU · INSULATION TESTERS · DATASHEET

Kyoritsu KEW 3025B Digital Insulation Tester

Model KEW 3025B · Digital Insulation Tester



Digital insulation tester with 250, 500, 1000 and 2500 V test voltages, readings to 100 G Ω , PI/DAR diagnosis, 1.5 mA short-circuit current and a hard case.

Key features

- Test voltages 250 / 500 / 1000 / 2500 V, up to 100.0 G Ω
- Short-circuit current up to 1.5 mA
- PI and DAR diagnosis functions
- Filter function reduces noise interference for stable readings
- Large display with bar graph and backlight; live voltage warning
- Supplied with a tough hard case and newly designed alligator clip
- IEC 61010-1 CAT IV 300 V / CAT III 600 V

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

250 V	0.0 to 100.0 M Ω ; $\pm 5\%$ rdg ± 3 dgt; rated test current 0.7 to 0.9 mA at 0.25 M Ω load; open-circuit voltage 250 V +10% / -10%
500 V	0.0 to 99.9 M Ω / 80 to 1000 M Ω ; $\pm 5\%$ rdg ± 3 dgt; rated test current 0.8 to 1 mA at 0.5 M Ω load; open-circuit voltage 500 V +20% / -10%
1000 V	0.0 to 99.9 M Ω / 80 to 999 M Ω / 0.80 to 2.00 G Ω ; $\pm 5\%$ rdg ± 3 dgt; rated test current 1 to 1.2 mA at 1 M Ω load; open-circuit voltage 1000 V +20% / -0%
2500 V	0.0 to 99.9 M Ω / 80 to 999 M Ω / 0.80 to 9.99 G Ω / 8.0 to 100.0 G Ω ; $\pm 5\%$ rdg ± 3 dgt; rated test current 1 to 1.2 mA at 2.5 M Ω load; open-circuit voltage 2500 V +20% / -0%
Short-circuit current	1.5 mA

Voltage

Ranges and accuracy	30 to 600 V AC (50/60 Hz), ± 30 to ± 600 V DC; $\pm 2\%$ rdg ± 3 dgt
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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 $\times$ 8
Dimensions	177 (L) $\times$ 226 (W) $\times$ 100 (D) mm; hard carrying case 300 (L) $\times$ 315 (W) $\times$ 125 (D) mm
Weight	Approx. 1.7 kg (including batteries); approx. 4 kg (including accessories)



What's in the box

- Line probe (7165A)
- Earth cord (7264)
- Guard cord (7265)
- Hook type prod (8019)
- Carrying case (hard) (9203)
- Alkaline battery, size C (LR14) × 8
- Instruction manual

Typical applications

- **Insulation Testing** – Four test voltages from 250 V to 2500 V with readings up to 100 GΩ.
- **Motor Testing** – PI and DAR diagnosis for assessing motor and cable insulation condition.
- **Power Distribution** – CAT IV 300 V / CAT III 600 V rated, with live voltage warning.

Official Kyoritsu documents

KEW 3025B product catalogue (English) PDF · www.kew-ltd.co.jp

KEW 3025B instruction manual (English) PDF · www.kew-ltd.co.jp

Order or ask for a quotation

Industrial Supply Syndicate supplies the Kyoritsu KEW 3025B 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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