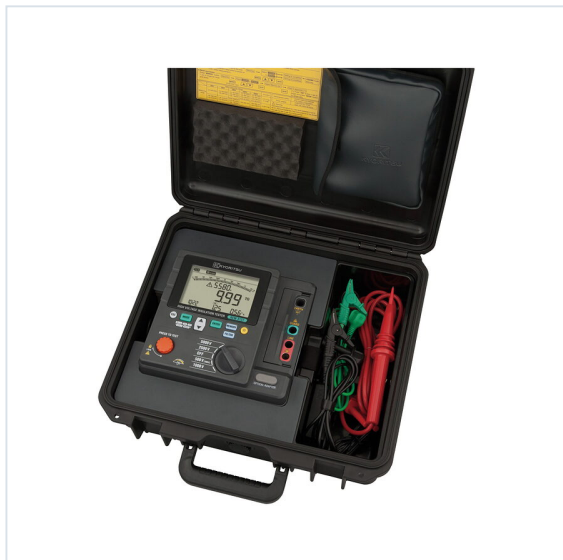




KYORITSU · INSULATION TESTERS · DATASHEET

Kyoritsu KEW 3127 High Voltage Insulation Tester

Model KEW 3127 · High Voltage Insulation Tester



High voltage insulation tester from 250 V to 5000 V with readings to 10 T Ω , 5 mA short-circuit current, PI/DAR/DD/SV/ramp tests and Bluetooth.

Key features

- Test voltages 250 / 500 / 1000 / 2500 / 5000 V
- Insulation resistance up to 10 T Ω ; short-circuit current up to 5 mA
- Diagnostic tests: IR, PI, DAR, DD, SV and ramp
- Bluetooth and USB for transferring real-time data to PC and Android devices
- Memory and logging functions; filter reduces noise interference
- Robust IP65 case (lid closed); rechargeable battery
- IEC 61010-1 CAT IV 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 (IR mode only)	Max. 9.99 G Ω ; 0.0 to 99.9 M Ω $\pm$ 5% rdg $\pm$ 3 dgt, 0.1 to 9.99 G Ω $\pm$ 20% rdg
500 V	Max. 99.9 G Ω ; 0.0 to 999 M Ω $\pm$ 5% rdg $\pm$ 3 dgt, 1 to 99.9 G Ω $\pm$ 20% rdg
1000 V	Max. 199 G Ω ; 0.0 to 1.99 G Ω $\pm$ 5% rdg $\pm$ 3 dgt, 2 to 199 G Ω $\pm$ 20% rdg
2500 V	Max. 999 G Ω ; 0.0 to 99.9 G Ω $\pm$ 5% rdg $\pm$ 3 dgt, 100 to 999 G Ω $\pm$ 20% rdg
5000 V	Max. 9.99 T Ω ; 0.0 to 99.9 G Ω $\pm$ 5% rdg $\pm$ 3 dgt, 0.1 to 9.99 T Ω $\pm$ 20% rdg
Short-circuit current	Max. 5.0 mA

Output Voltage

Accuracy	-10 to +10% (250 V); -10 to +20% (500 V); 0 to +20% (1000 V)
Variable	-20% to 0% in 5% steps (not available at 250 V)
Monitor	$\pm$ 10% rdg $\pm$ 20 V

Voltage

Ranges and accuracy	AC 30 to 600 V (50/60 Hz); DC $\pm$ 30 to $\pm$ 600 V; $\pm$ 2% rdg $\pm$ 3 dgt
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Current

Range and accuracy	0.00 nA to 5.50 mA; $\pm$ 10% rdg (determined by resistance and voltage values, over 10 M Ω)
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Capacitance

Range and accuracy 5.0 nF to 50.0 μ F; 5.0 nF to 25.0 μ F (5000 V); $\pm 5\%$ rdg ± 5 dgt

Safety

Measurement category IEC 61010-1, 61010-2-030 CAT IV 600 V, pollution degree 2

Standards IEC 61010-2-034, IEC 61010-031, IEC 61326-1, 2-2

Ingress protection IP65 (lid closed)

General

Communication interface USB, Bluetooth® 5.0

Power source Rechargeable lead-acid battery 12 V; charging power DC 15 VA max. (no measurement while charging)

Dimensions 208 (L) $\times$ 225 (W) $\times$ 130 (D) mm; hard case 380 (L) $\times$ 430 (W) $\times$ 154 (D) mm

Weight Approx. 4 kg (including battery); approx. 8 kg total (including accessories)

What's in the box

- Line probe (7165A)
- Earth cord (7224A)
- Guard cord (7225A)
- Hook type prod (8019)
- Power adapter 15 V / 1 A (8327EU)
- Carrying case (hard) (9171)
- Instruction manual

Typical applications

- **Insulation Testing** – Five test voltages from 250 V to 5000 V with readings up to 10 T Ω .
- **Motor Testing** – PI, DAR, DD, step-voltage and ramp tests for motor and generator windings.
- **Power Distribution** – Diagnostic insulation tests on cables and transformers; CAT IV 600 V rated.

Official Kyoritsu documents

[KEW 3127 product catalogue \(English\)](#) PDF · www.kew-ltd.co.jp

[KEW 3127 instruction manual \(English\)](#) PDF · www.kew-ltd.co.jp

Order or ask for a quotation

Industrial Supply Syndicate supplies the Kyoritsu KEW 3127 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-3127-high-voltage-insulation-tester/
Address 54, Ezra Street, Kolkata, West Bengal 700000, India
GSTIN 19ACDPC1843J1ZR



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