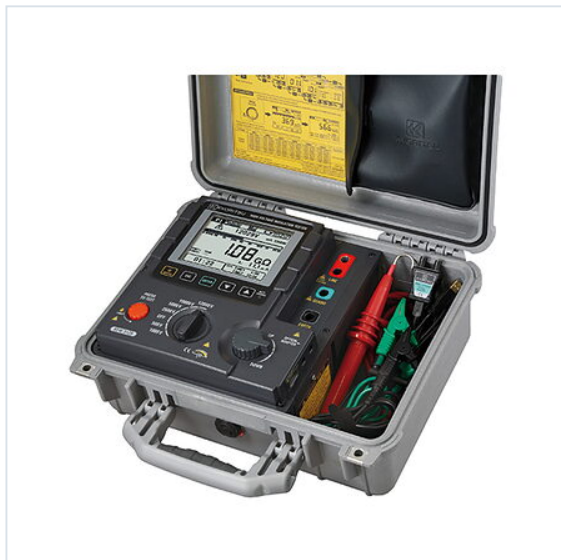




KYORITSU · INSULATION TESTERS · DATASHEET

Kyoritsu KEW 3128 High Voltage Insulation Tester

Model KEW 3128 · High Voltage Insulation Tester



High voltage insulation tester with test voltages up to 12 kV, readings up to 35 TΩ, 5 mA short-circuit current, graphing display and large data memory.

Key features

- Test voltage up to 12 kV; resistance up to 35 TΩ
- Short-circuit current up to 5 mA
- Graphs insulation resistance and leakage current versus time on a large backlit display
- Print-screen function records up to 32 display screens
- Internal memory stores about 43,000 data (max.)
- Runs from internal rechargeable battery or AC line
- IP64 rated (lid closed); 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

500 V	Max. 500 GΩ; 400 kΩ to 50 GΩ ±5% rdg ±3 dgt, 50.1 to 500 GΩ ±20% rdg; load resistor for rated voltage 0.5 MΩ or more
1000 V	Max. 1 TΩ; 800 kΩ to 100 GΩ ±5% rdg ±3 dgt, 101 GΩ to 1 TΩ ±20% rdg; load resistor for rated voltage 1 MΩ or more
2500 V	Max. 2.5 TΩ; 2 MΩ to 250 GΩ ±5% rdg ±3 dgt, 251 GΩ to 2.5 TΩ ±20% rdg; load resistor for rated voltage 2.5 MΩ or more
5000 V	Max. 5 TΩ; 4 MΩ to 500 GΩ ±5% rdg ±3 dgt, 501 GΩ to 5 TΩ ±20% rdg; load resistor for rated voltage 5 MΩ or more
10000 V	Max. 35 TΩ; 8 MΩ to 1 TΩ ±5% rdg ±3 dgt, 1.01 to 10 TΩ ±20% rdg, 10.1 to 35 TΩ; load resistor for rated voltage 20 MΩ or more
12000 V	Load resistor for rated voltage 24 MΩ or more

Short-circuit current	Max. 5.0 mA
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Output Voltage

Selectable range	50 to 600 V (5 V steps); 610 to 1200 V (10 V steps); 1225 to 3000 V (25 V steps); 3050 to 6000 V (50 V steps); 6100 to 10000 V (100 V steps); 10100 to 12000 V (100 V steps)
Output accuracy	0 to +20% (500 V); 0 to +10% (1000 V); -5 to +5% (10000 V)
Monitor accuracy	±10% ±20 V



Voltage	
Ranges and accuracy	DC ± 30 to ± 600 V; AC 30 to 600 V (50/60 Hz); $\pm 2\%$ rdg ± 3 dgt
Current	
Range and accuracy	5.00 nA to 2.40 mA (depending on the insulation resistance); $\pm 5\%$ rdg ± 5 dgt
Capacitance	
Range and accuracy	5.0 nF to 50.0 μ F; 40.0 nF to 1.00 μ F (display range 5.0 nF to 60.0 μ F); $\pm 5\%$ rdg ± 5 dgt
Safety	
Measurement category	IEC 61010-1 CAT IV 600 V, pollution degree 2
Standards	IEC 61010-2-034, IEC 61010-031, IEC 61326, IEC 60529
Ingress protection	IP64 (lid closed)
General	
Power source	Rechargeable lead storage battery (12 V), charging time approx. 8 hours / AC power supply 100 V to 240 V, 50/60 Hz
Continuous measuring time	Approx. 4 hours (100 M Ω load at 12000 V); approx. 2 hours (max. current)
Internal memory	Approx. 43,000 data (max.); print screen up to 32 screens
Dimensions	330 (L) $\times$ 410 (W) $\times$ 180 (D) mm (instrument and hard case)
Weight	Approx. 9 kg including battery (instrument and hard case)

What's in the box

- Power cord (EU or UK) (7170 / 7240)
- Earth cord (7224A)
- Guard cord (7225A)
- Line probe (7226A)
- Line probe with alligator clip (7227A)
- Extension prod (8029)
- USB adapter (8212-USB)
- Instruction manual

Typical applications

- **Insulation Testing** – Test voltages from 50 V to 12 kV with readings up to 35 T Ω .
- **Motor Testing** – Plots insulation resistance and leakage current against time for HV windings.
- **Power Distribution** – Insulation testing of MV cables, switchgear and transformers; CAT IV 600 V.

Official Kyoritsu documents

[KEW 3128 product catalogue \(English\)](#) PDF · www.kew-ltd.co.jp

[KEW 3128 instruction manual \(English\)](#) PDF · www.kew-ltd.co.jp



Order or ask for a quotation

Industrial Supply Syndicate supplies the Kyoritsu KEW 3128 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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Online **kyoritsumeters.in/product/kyoritsu-kew-3128-high-voltage-insulation-tester/**
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GSTIN **19ACDPC1843J1ZR**



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