



KYORITSU · INSULATION TESTERS · DATASHEET

Kyoritsu KEW 3552 Digital Insulation / Continuity Tester

Model KEW 3552 · HSN 9030 3900 · Digital Insulation / Continuity Tester



Fast (0.5 s) insulation/continuity tester with six test voltages from 50 to 1000 V, readings to 40 G Ω , PI/DAR and memory.

Key features

- Approx. 0.5 s measurement time
- Six insulation test voltages: 50 / 100 / 125 / 250 / 500 / 1000 V
- Insulation measurement up to 40.00 G Ω (1000 V)
- Diagnostic tests: Polarisation Index (PI) and Dielectric Absorption Ratio (DAR)
- Memory function for results
- Continuity test at 200 mA or more; AC/DC voltage to 600 V
- Test lead with remote control switch included
- IEC 61010 CAT III 600 V / CAT IV 300 V; IP40

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	50 / 100 / 125 / 250 / 500 / 1000 V
Maximum range (auto)	100.0 M Ω (50 V), 200.0 M Ω (100 V), 250.0 M Ω (125 V), 500.0 M Ω (250 V), 20.00 G Ω (500 V), 40.00 G Ω (1000 V)
First effective range	0.100–10.00 M Ω (50 V), 0.100–20.00 M Ω (100 V), 0.100–25.00 M Ω (125 V), 0.100–50.0 M Ω (250 V), 0.100–500 M Ω (500 V), 0.100–1000 M Ω (1000 V); $\pm 2\%$ rdg ± 2 dgt
Second effective range	0.050–0.099 M Ω and above the first range up to 100.0 M Ω / 200.0 M Ω / 250.0 M Ω / 500 M Ω / 2000 M Ω / 4000 M Ω ; $\pm 5\%$ rdg (0.050–0.099 M Ω : $\pm 2\%$ rdg ± 4 dgt)
Rated current	1.0–1.1 mA
Short circuit current	1.5 mA max.
Diagnostic tests	PI, DAR
Measurement time	Approx. 0.5 s

Continuity

Ranges (auto)	40.00 / 400.0 / 4000 Ω $\pm 2.5\%$ rdg ± 8 dgt
Open circuit voltage	5 V (4–6.9 V)
Short circuit current	200 mA or more

Voltage

AC V	2.0–600 V (45–65 Hz) $\pm 1\%$ rdg ± 4 dgt
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Voltage (continued)

DC V	± 2.0 to ± 600 V $\pm 1\%$ rdg ± 4 dgt
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Safety

Measurement category	IEC 61010 CAT III 600 V / CAT IV 300 V
Standards	IEC 61010-2-034, IEC 61557-1, 2, 4, IEC 61326-1, 2-2
Ingress protection	IEC 60529 IP40

General

Memory	Yes (KEW 3552)
Interface	USB (with optional MODEL 8212-USB adapter)
Power source	LR6/R6 (AA, 1.5 V) $\times$ 4
Dimensions	97 (L) $\times$ 156 (W) $\times$ 46 (D) mm
Weight	Approx. 490 g (including battery)

What's in the box

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

Typical applications

- **Insulation Testing** – Six test voltages from 50 to 1000 V with readings to 40 G Ω , plus PI/DAR.
- **Electrical Safety Testing** – IEC 61557 insulation and 200 mA continuity tests.
- **Motor Testing** – PI and DAR diagnostic tests on insulation.
- **Field Electrical Testing** – 490 g tester with remote-switch test lead and memory.

Official Kyoritsu documents

[KEW 3551/3552 product catalogue \(English\)](#) PDF · www.kew-ltd.co.jp

[KEW 3551/3552 instruction manual \(English\)](#) PDF · www.kew-ltd.co.jp

Order or ask for a quotation

Industrial Supply Syndicate supplies the Kyoritsu KEW 3552 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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