



KYORITSU · INSULATION TESTERS · DATASHEET

Kyoritsu KEW 3552BT Digital Insulation / Continuity Tester

Model KEW 3552BT · Digital Insulation / Continuity Tester



Digital insulation and continuity tester with six test voltages from 50 V to 1000 V, internal memory, and Bluetooth 5.0 and USB data transfer.

Key features

- Six insulation test voltages: 50 / 100 / 125 / 250 / 500 / 1000 V
- Measurement speed of 0.5 s (KEW figure)
- Internal memory for measured results
- Bluetooth 5.0 for wireless transfer to the KEW Smart Advanced app; USB for PC transfer
- Auto-ranging resistance / continuity 40.00 / 400.0 / 4000 Ω
- AC and DC voltage measurement up to 600 V
- IEC 61010 CAT III 600 V / CAT IV 300 V, IEC 60529 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 voltage	50 / 100 / 125 / 250 / 500 / 1000 V
Measuring range (auto-ranging)	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)
Mid-scale value	2 M Ω (50 V), 5 M Ω (100 V), 5 M Ω (125 V), 10 M Ω (250 V), 100 M Ω (500 V), 200 M Ω (1000 V)
First effective measuring range	0.100 to 10.00 M Ω (50 V), 0.100 to 20.00 M Ω (100 V), 0.100 to 25.00 M Ω (125 V), 0.100 to 50.0 M Ω (250 V), 0.100 to 500 M Ω (500 V), 0.100 to 1000 M Ω (1000 V)
Accuracy (first range)	$\pm 2\%$ rdg ± 2 dgt
Second effective measuring range	0.050 to 0.099 M Ω and 10.01 to 100.0 M Ω (50 V), 20.01 to 200.0 M Ω (100 V), 25.01 to 250.0 M Ω (125 V), 50.1 to 500 M Ω (250 V), 501 to 2000 M Ω (500 V), 1001 to 4000 M Ω (1000 V)
Accuracy (second range)	$\pm 5\%$ rdg (0.050 to 0.099 M Ω : $\pm 2\%$ rdg ± 4 dgt)
Rated current	1.0 to 1.1 mA
Output short circuit current	1.5 mA max

Resistance & Continuity

Ranges (auto-ranging)	40.00 / 400.0 / 4000 Ω
Accuracy	$\pm 2.5\%$ rdg ± 8 dgt
Output voltage on open circuit	5 V (4 to 6.9 V)



Resistance & Continuity (continued)

Output short circuit current 200 mA max

Voltage

Voltage range AC 2.0 to 600 V (45 to 65 Hz); DC -2.0 to -600 V / +2.0 to +600 V

Accuracy $\pm 1\%$ rdg ± 4 dgt

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, IEC 60529 (IP40)

General

Communication interface USB, Bluetooth® 5.0

Power source LR6/R6 (AA) (1.5 V) × 4

Dimensions 97 (L) × 156 (W) × 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)
- Battery (LR6 (AA)) × 4
- Instruction manual

Typical applications

- **Insulation Testing** – Six test voltages from 50 V to 1000 V with results saved to internal memory.
- **Electrical Safety Testing** – Bluetooth 5.0 transfer to the KEW Smart Advanced app for test records.
- **Field Electrical Testing** – Approx. 490 g, AA powered, CAT IV 300 V / CAT III 600 V rated.

Official Kyoritsu documents

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

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

Order or ask for a quotation

Industrial Supply Syndicate supplies the Kyoritsu KEW 3552BT 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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