



KYORITSU · INSTALLATION TESTERS · DATASHEET

Kyoritsu KEW 6010B Multi Function Installation Tester

Model KEW 6010B · Multi Function Installation Tester



Compact multi function installation tester for continuity, 500/1000 V insulation, loop impedance, RCD and contact voltage tests, with 300-result memory.

Key features

- Continuity, insulation, loop impedance, RCD and contact voltage (Uc) tests
- Insulation test at 500 V and 1000 V, 20 / 200 M Ω ranges
- RCD x1/2, x1, fast (150 mA), DC and auto ramp tests
- Data memory for 300 measured results
- Download results to PC with the 8212 adapter through the optical RS-232C port
- Designed to IEC 61010-1 CAT III 300 V and IEC 61557

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

Continuity

Measuring range	20 / 200 Ω (auto-ranging)
Open-circuit voltage	> 6 V
Short-circuit current	> 200 mA
Accuracy	$\pm 3\%$ rdg ± 3 dgt

Insulation Resistance

Measuring range	20 / 200 M Ω (auto-ranging)
Test voltage	500 / 1000 V
Open-circuit voltage	+20 to 0%
Rated current	> 1 mA
Accuracy	$\pm 3\%$ rdg ± 3 dgt

Loop Impedance

Impedance range	20 / 2000 Ω
Rated voltage	230 V ± 10 to 15% (50 Hz)
Nominal test current	20 Ω : 25 A / 10 ms; 2000 Ω : 15 mA / 350 ms max.
Accuracy	$\pm 3\%$ rdg ± 8 dgt



RCD

Test current (x1/2, x1)	10, 30, 100, 300, 500 mA (2000 ms)
Test current (fast)	150 mA (50 ms)
Test current (DC)	10, 30, 100, 300 mA (2000 ms), 500 mA (200 ms)
Test current (auto ramp)	Goes up by 10% from 20% to 110% of $I_{\Delta n}$, 300 ms $\times$ 10
Rated voltage	230 V +10 to 15% (50 Hz)
Test current accuracy	x1/2: -8 to 2%; x1 and fast: +2 to +8%; DC: $\pm 10\%$; auto ramp: $\pm 4\%$
Trip time accuracy	$\pm 1\%$ rdg ± 3 dgt

Contact Voltage (Uc)

Measuring range	100 V
Rated voltage	230 V +10 to 15% (50 Hz)
Test current	5 mA at $I_{\Delta n} = 10$ mA; 15 mA at $I_{\Delta n} = 30 / 100$ mA; 150 mA at $I_{\Delta n} = 300 / 500$ mA
Accuracy	+5% +15% rdg ± 8 dgt

Safety

Measurement category	IEC 61010-1 CAT III 300 V, pollution degree 2
Standards	IEC 61010-2-034, IEC 61557-1, 2, 3, 4, 6, 10, IEC 60529 (IP40)

General

Data memory	300 measured results
Power source	R6 / LR6 $\times$ 8
Dimensions	115 (L) $\times$ 175 (W) $\times$ 86 (D) mm
Weight	Approx. 840 g

What's in the box

- Test leads (7122B)
- Test lead with IEC connector (AU, UK, EU or SA plug) (KAMP10)
- Fuse [0.5 A / 600 V] (1 fitted, 1 spare) (8923) $\times$ 2
- Cord case (9092)
- Shoulder strap (9121)
- Shoulder pad
- Battery (AA) (R6) $\times$ 8
- Instruction manual

Typical applications

- **RCD Testing** – RCD x1/2, x1, fast, DC and auto ramp tests from 10 to 500 mA, plus Uc.
- **Insulation Testing** – Insulation tests at 500 V and 1000 V on 20 / 200 M Ω ranges.
- **Electrical Safety Testing** – Continuity, insulation, loop and RCD checks on 230 V circuits; 300-result memory.

Official Kyoritsu documents

[KEW 6010B product catalogue \(English\)](#) PDF · www.kew-ltd.co.jp

[KEW 6010B instruction manual \(English\)](#) PDF · www.kew-ltd.co.jp



Order or ask for a quotation

Industrial Supply Syndicate supplies the Kyoritsu KEW 6010B 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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