



KYORITSU · RCD TESTERS · DATASHEET

Kyoritsu KEW 5410 RCD Tester

Model KEW 5410 · RCD Tester



RCD tester for trip time at $\times 1/2$, $\times 1$ and $\times 5$ and trip-out current by auto ramp, for 100 V, 200 V and 400 V systems with contact voltage check.

Key features

- Trip time at $\times 1$ and $\times 5$; non-operating test at $\times 1/2$
- Auto ramp measures trip-out current from 40% to 110% of $I_{\Delta n}$
- Remote test with automatic start on voltage detection
- Continuous voltage monitoring (80–450 V) on each range
- Contact voltage detection to warn of a damaged earth
- IP54 dust and water protection; backlit 1999-count LCD
- Automatic sleep after 3 minutes

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

RCD Trip Time / Trip-out Current

Rated voltage	100 V $\pm 10\%$, 200 V -10 to $+32\%$, 400 V $\pm 10\%$, 50/60 Hz
Test current $\times 1/2$	15 / 30 / 50 / 100 mA
Test current $\times 1$	15 / 30 / 50 / 100 / 200 / 500 mA
Test current $\times 5$	15 / 30 / 50 / 100 mA
Trip time measuring range	$\times 1$: 0 to 2000 ms; $\times 5$: 0 to 200 ms
Accuracy	$\times 5$ trip time: 1% rdg ± 3 dgt; table also lists $+2$ to $+8\%$ and -8 to -2%
Auto ramp	40 to 110% of $I_{\Delta n}$ in 5% steps, 300 ms $\times 15$ steps; test current at each step -4 to $+4\%$; type G (non-delayed) RCDs only

Voltage

Measuring range and accuracy	80 to 450 V, 50/60 Hz; 2% rdg ± 4 dgt
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Safety

Measurement category	IEC 61010-1 CAT III 300 V / CAT II 400 V, pollution degree 2
Standards	IEC 61010-031, IEC 61557-1, 6, IEC 60529 (IP54)
Insulation resistance	50 M Ω or more / 1000 V (between electrical circuit and enclosure)

General

Display	1999 counts (3½ digits), large LCD
Operating temperature and humidity	0 to 40 °C, RH 85% (no condensation)



General (continued)

Storage temperature and humidity	-20 to 60 °C, RH 75% (no condensation)
Sleep function	Sleep mode 3 minutes after last switch operation (75 µA); backlight off after 1 minute
Power source	DC 12 V / R6 (AA) (1.5 V) × 8
Possible number of measurements	1200 or more (every 30 s at ×1/2, I _{Δn} = 100 mA)
Dimensions	167 (L) × 186 (W) × 89 (D) mm
Weight	Approx. 965 g (including batteries)

What's in the box

- Test leads (7128A)
- Test lead with alligator clip (7129A)
- Extension prod long (8017) × 2
- Shoulder strap (9121)
- Cord case (9147)
- Battery (R6 (AA)) × 8
- Instruction manual

Typical applications

- **RCD Testing** – Trip time at ×1/2, ×1, ×5 and auto-ramp trip current, 15–500 mA, to IEC 61557-6.
- **Electrical Safety Testing** – Checks contact voltage before testing to warn of a damaged earth.

Official Kyoritsu documents

[KEW 5410 product catalogue \(English\)](#) PDF · www.kew-ltd.co.jp

[KEW 5410 instruction manual \(English\)](#) PDF · www.kew-ltd.co.jp

Order or ask for a quotation

Industrial Supply Syndicate supplies the Kyoritsu KEW 5410 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-5410-rcd-tester/
Address 54, Ezra Street, Kolkata, West Bengal 700000, India
GSTIN 19ACDPC1843J1ZR



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