



KYORITSU · INSTALLATION TESTERS · DATASHEET

Kyoritsu KEW 6205 Portable Appliance Tester

Model KEW 6205 · Portable Appliance Tester



Battery-operated portable appliance tester for earth bond, insulation, load/leakage current and 10/30 mA RCD tests, with PASS/FAIL results.

Key features

- Battery operated with PASS/FAIL result and colour status backlight
- Protective conductor resistance at 200 mA DC, 0.00–20.00 Ω
- Insulation test at 250 V / 500 V up to 20.00 M Ω
- Load current up to 10.00 A and leakage current up to 20.00 mA
- 10 mA and 30 mA RCD test with built-in isolation transformer
- Memory for up to 999 records and printer output

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

Mains Voltage

Display range and accuracy 30 to 270 V; ± 5 V

Protective Conductor Resistance

Measuring range 0.00 to 20.00 Ω

Open circuit voltage 5 V ± 0.4 V DC

Measuring current 200 mA DC (nominal)

Accuracy $\pm 3\%$ rdg ± 5 dgt

Insulation Resistance

Rated voltage 250 V / 500 V

Measuring range 0.00 to 20.00 M Ω

No-load voltage 250 V DC +20%, -0% / 500 V DC +20%, -0%

Short circuit current 1.5 mA DC or less

Accuracy $\pm 2\%$ rdg ± 3 dgt

Load / Leakage Current

Mains voltage range 100 to 253 V / 50 Hz

Load current 0.10 to 10.00 A rms; $\pm 10\%$ rdg ± 5 dgt

Leakage current 0.10 to 20.00 mA rms; $\pm 3\%$ rdg ± 5 dgt



RCD Test

Rated voltage	230 V –15% to +10% / 50 Hz
Rated current	10 / 30 mA
Function and test duration	×1: 0.0 to 500.0 ms / ×5: 0.0 to 40.0 ms
Operating time accuracy	±2 ms (≤ 40 ms), ±8 ms (> 40 ms)

Safety

Measurement category	IEC/EN 61010-1 CAT II 300 V
Standards	IEC/EN 61010-2-030, IEC 61010-2-034, IEC/EN 61010-031, EN 61326-2-2, AS/NZS 3760

General

Memory	Up to 999 data
Power source	LR6 (AA) (1.5 V) × 6
Dimensions	261 (L) × 104 (W) × 57 (D) mm
Weight	Approx. 940 g (including batteries)

What's in the box

- Mains lead (7277)
- Test lead with alligator clip (7129A)
- Flat test prod (black) (7161A)
- Adapter for extension cord (7276)
- Carrying case (9193)
- Fuse (10 A / 250 V) (8928)
- Shoulder strap (9121)
- Buckle
- Battery (LR6 (AA)) × 6
- Instruction manual

Typical applications

- **Electrical Safety Testing** – PASS/FAIL safety tests on portable appliances and extension cords.
- **Insulation Testing** – Appliance insulation test at 250 V or 500 V up to 20.00 MΩ.
- **RCD Testing** – Trip-time test of 10 mA and 30 mA portable RCDs at ×1 and ×5.

Official Kyoritsu documents

[KEW 6205 product catalogue \(English\)](#) PDF · www.kew-ltd.co.jp

[KEW 6205 instruction manual \(English\)](#) PDF · www.kew-ltd.co.jp



Order or ask for a quotation

Industrial Supply Syndicate supplies the Kyoritsu KEW 6205 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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