



KYORITSU · CLAMP METERS · DATASHEET

Kyoritsu MODEL 2433 Leakage Clamp Meter

MODEL 2433 · Leakage Clamp Meter



Leakage clamp meter with 40 / 400 mA and 400 A AC ranges, 0.01 mA resolution, 40 mm jaw and a frequency selector switch to reject harmonics.

Key features

- Ranges: 40 / 400 mA / 400 A AC
- Minimum resolution 0.01 mA
- Frequency selector switch to eliminate the effect of harmonics
- Ø40 mm jaw
- Response time approx. 2 seconds
- IEC 61010-1 CAT III 300 V

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

AC Current

AC A (50/60 Hz)	40 / 400 mA / 400 A; $\pm 1\%$ rdg ± 5 dgt (40 / 400 mA), $\pm 1\%$ rdg ± 5 dgt (0 to 350 A), $\pm 2\%$ rdg (350.1 to 399.9 A)
AC A (WIDE)	40 / 400 mA / 400 A; $\pm 2.5\%$ rdg ± 10 dgt [20 Hz to 1 kHz] (40 / 400 mA), $\pm 2.5\%$ rdg ± 10 dgt [40 Hz to 1 kHz] (0 to 350 A), $\pm 5\%$ rdg [40 Hz to 1 kHz] (350.1 to 399.9 A)
Frequency response	20 Hz to 1 kHz (40 Hz to 1 kHz on 400 A)
Effect of external stray magnetic field	Approx. 10 mA AC in proximity to a 15 mm conductor carrying 100 A AC
Response time	Approx. 2 seconds
Maximum circuit voltage	600 V AC/DC (between line/neutral), 300 V AC/DC (against earth)
Conductor size	Ø40 mm max.

Safety

Measurement category	IEC 61010-1 CAT III 300 V, pollution degree 2
Standards	IEC 61010-2-032

General

Power source	R03 (1.5 V) $\times$ 2
Dimensions	185 (L) $\times$ 81 (W) $\times$ 40 (D) mm
Weight	Approx. 270 g (including battery)



What's in the box

- Carrying case (9097)
- Battery (AAA) (R03) × 2
- Instruction manual

Typical applications

- **Electrical Safety Testing** – Measures earth leakage with 0.01 mA resolution on live installations.
- **RCD Testing** – Identifies circuits with standing leakage behind RCD nuisance tripping.
- **Electrical Maintenance** – Also reads load current up to 400 A through the 40 mm jaw.

Official Kyoritsu documents

MODEL 2433 product catalogue (English) PDF · www.kew-ltd.co.jp

MODEL 2433 instruction manual (English) PDF · www.kew-ltd.co.jp

Order or ask for a quotation

Industrial Supply Syndicate supplies the Kyoritsu MODEL 2433 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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