



KYORITSU · CLAMP METERS · DATASHEET

Kyoritsu MODEL 2432 Leakage Clamp Meter

MODEL 2432 · Leakage Clamp Meter



High-resolution leakage clamp meter with 4 / 40 mA and 100 A AC ranges, 0.001 mA minimum resolution, 40 mm jaw and a harmonics frequency selector.

Key features

- Ranges: 4 / 40 mA / 100 A AC
- Minimum resolution 0.001 mA
- Frequency selector switch to eliminate the effect of harmonics
- Low stray-field effect: approx. 2 mA AC near a 100 A conductor
- Ø40 mm jaw
- 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)	4 / 40 mA / 100 A; $\pm 1\%$ rdg ± 5 dgt (4 / 40 mA), $\pm 1\%$ rdg ± 5 dgt (0 to 80 A), $\pm 5\%$ rdg (80.1 to 100 A)
AC A (WIDE)	4 / 40 mA / 100 A; $\pm 1\%$ rdg ± 5 dgt [50/60 Hz], $\pm 2.5\%$ rdg ± 10 dgt [20 Hz to 1 kHz] (4 / 40 mA); $\pm 1\%$ rdg ± 5 dgt [50/60 Hz], $\pm 2.5\%$ rdg ± 10 dgt [40 Hz to 1 kHz] (0 to 80 A); $\pm 5\%$ rdg [50/60 Hz], $\pm 10\%$ rdg [40 Hz to 1 kHz] (80.1 to 100 A)
Frequency response	20 Hz to 1 kHz (40 Hz to 1 kHz on 100 A)
Effect of external stray magnetic field	Approx. 2 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) $\times$ 32 (D) mm
Weight	Approx. 290 g (including battery)



What's in the box

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

Typical applications

- **Electrical Safety Testing** – Resolves leakage to 0.001 mA for insulation deterioration checks on live circuits.
- **RCD Testing** – Tracks down small standing leakage that adds up to RCD nuisance trips.
- **Electrical Panel Testing** – Ø40 mm jaw clamps around line and neutral together in panels.

Official Kyoritsu documents

[MODEL 2432 product catalogue \(English\)](#) PDF · www.kew-ltd.co.jp

[MODEL 2432 instruction manual \(English\)](#) PDF · www.kew-ltd.co.jp

Order or ask for a quotation

Industrial Supply Syndicate supplies the Kyoritsu MODEL 2432 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-model-2432-leakage-clamp-meter/
Address 54, Ezra Street, Kolkata, West Bengal 700000, India
GSTIN 19ACDPC1843J1ZR



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