



KYORITSU · CLAMP METERS · DATASHEET

Kyoritsu KEW 2127R True RMS AC Clamp Meter

Model KEW 2127R · True RMS AC Clamp Meter



True RMS AC clamp meter with 60/600/1000 A ranges and 0.01 A resolution, plus voltage, resistance, capacitance, diode and frequency.

Key features

- Fully safety jaw and ergonomic over-moulded body
- True RMS AC current, 60.00 / 600.0 / 1000 A auto-ranging with 0.01 A resolution
- Peak hold for inrush current
- Large backlit display
- Capacitance, diode test and frequency functions
- Long battery life: approx. 170 hours on two AAA cells
- IEC 61010-1 CAT IV 300 V / CAT III 600 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

Ranges and accuracy 60.00 / 600.0 / 1000 A (auto-ranging); $\pm 1.5\%$ rdg ± 4 dgt (45–65 Hz), $\pm 2.0\%$ rdg ± 5 dgt (40 Hz–1 kHz)

Conductor size $\phi 33$ mm max.

AC Voltage

Ranges and accuracy 60.00 / 600.0 V (auto-ranging); $\pm 1.0\%$ rdg ± 2 dgt (45–65 Hz, 600 V), $\pm 1.5\%$ rdg ± 4 dgt (40 Hz–1 kHz, 60/600 V)

DC Voltage

Ranges and accuracy 60.00 / 600.0 V (auto-ranging); $\pm 1.0\%$ rdg ± 3 dgt (60 V), $\pm 1.2\%$ rdg ± 3 dgt (600 V)

Resistance & Continuity

Resistance 600.0 Ω / 6.000 / 60.00 / 600.0 k Ω / 6.000 / 40.00 M Ω (auto-ranging); $\pm 1.0\%$ rdg ± 5 dgt (600 Ω), $\pm 2.0\%$ rdg ± 3 dgt (6/60/600 k Ω), $\pm 3.0\%$ rdg ± 3 dgt (6 M Ω), $\pm 5.0\%$ rdg ± 3 dgt (40 M Ω)

Continuity buzzer 600 Ω range; buzzer sounds below 90 Ω

Capacitance & Diode

Capacitance 1.000 / 10.00 / 100.0 μ F; $\pm 3.0\%$ rdg ± 15 dgt (1 μ F), $\pm 3.0\%$ rdg ± 10 dgt (10/100 μ F)

Diode test 2.000 V; $\pm 4\%$ rdg ± 5 dgt; open-circuit voltage < 3.5 V



Frequency

Ranges and accuracy	999.9 Hz / 9.999 kHz (auto-ranging); $\pm 0.1\%$ rdg ± 3 dgt; input sensitivity: current more than 4 A, voltage more than 2 V
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Safety

Measurement category	IEC 61010-1 CAT IV 300 V / CAT III 600 V, pollution degree 2
Standards	IEC 61010-031, IEC 61010-2-032, IEC 61010-2-033, IEC 61326-2-2 (EMC), IEC 60529 IP40, EN 50581 (RoHS)

General

Power source	R03 / LR03 (AAA) (1.5 V) $\times 2$; approx. 170 hours continuous (R03, NCV LED and backlight off); auto power save approx. 10 minutes
Dimensions	204 (L) $\times$ 81 (W) $\times$ 36 (D) mm
Weight	Approx. 230 g (including batteries)

What's in the box

- Test leads (7066A)
- Carrying case (9079)
- Battery (AAA) (R03) $\times 2$
- Instruction manual

Typical applications

- **Electrical Maintenance** – AC current to 1000 A with 0.01 A resolution, plus voltage, resistance and capacitance.
- **Motor Testing** – Peak hold captures motor inrush current on conductors up to $\phi 33$ mm.
- **Industrial Troubleshooting** – Frequency, diode and capacitance functions for checking drives and control circuits.

Official Kyoritsu documents

[KEW 2127R product catalogue \(English\)](#) PDF · www.kew-ltd.co.jp

[KEW 2127R instruction manual \(English\)](#) PDF · www.kew-ltd.co.jp

Order or ask for a quotation

Industrial Supply Syndicate supplies the Kyoritsu KEW 2127R 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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