



KYORITSU · CLAMP METERS · DATASHEET

Kyoritsu KEW 2046R AC/DC Clamp Meter

Model KEW 2046R · AC/DC Clamp Meter



AC/DC clamp meter measuring up to 600 A through a $\phi 33$ mm jaw, with non-contact voltage warning, 6039-count bar-graph display and CAT IV 600 V.

Key features

- AC and DC current up to 600.0 A, minimum resolution 0.1 A
- Red LED non-contact voltage warning for AC voltage
- 6039-count display with bar graph
- Double-moulded body for a comfortable grip
- Capacitance, frequency, duty cycle and temperature (with optional 8216 probe)
- IEC 61010-1 CAT IV 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

Range and accuracy	0 to 600.0 A; $\pm 2.0\%$ rdg ± 5 dgt (50/60 Hz), $\pm 3.5\%$ rdg ± 5 dgt (40–500 Hz)
Conductor size	$\phi 33$ mm

DC Current

Range and accuracy	0 to 600.0 A; $\pm 1.5\%$ rdg ± 5 dgt
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AC Voltage

Ranges and accuracy	6 / 60 / 600 V (auto-ranging); $\pm 1.5\%$ rdg ± 4 dgt (50/60 Hz), $\pm 3.5\%$ rdg ± 5 dgt (40–400 Hz)
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DC Voltage

Ranges and accuracy	600 mV / 6 / 60 / 600 V (auto-ranging); $\pm 1.0\%$ rdg ± 3 dgt
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Resistance & Continuity

Resistance	600 Ω / 6 / 60 / 600 k Ω / 6 / 60 M Ω (auto-ranging); $\pm 1\%$ rdg ± 5 dgt (600 Ω –6 M Ω), $\pm 5\%$ rdg ± 8 dgt (60 M Ω)
Continuity buzzer	Buzzer sounds at 100 Ω

Other Functions

Capacitance	400 nF / 4 / 40 μ F (auto-ranging)
Frequency	10 / 100 Hz / 1 / 10 kHz (auto-ranging)
Duty cycle	0.1 to 99.9%
Temperature	–50 $^{\circ}$ C to +300 $^{\circ}$ C (with temperature probe 8216)



Safety

Measurement category	IEC 61010-1 CAT IV 600 V
Standards	IEC 61010-031, IEC 61010-2-032, IEC 61326

General

Power source	R03 (1.5 V) (AAA) × 2
Dimensions	243 (L) × 77 (W) × 36 (D) mm
Weight	Approx. 300 g

What's in the box

- Test leads (7066A)
- Carrying case (9094)
- Instruction manual

Typical applications

- **Power Distribution** – AC/DC current to 600 A with non-contact voltage warning; CAT IV 600 V rated.
- **Electrical Maintenance** – Voltage, resistance, capacitance, frequency and duty-cycle functions in one meter.
- **Industrial Troubleshooting** – DC current and temperature (with 8216 probe) for checking drives and DC circuits.

Official Kyoritsu documents

[KEW 2046R product catalogue \(English\)](#) PDF · www.kew-ltd.co.jp

[KEW 2046R instruction manual \(English\)](#) PDF · www.kew-ltd.co.jp

Order or ask for a quotation

Industrial Supply Syndicate supplies the Kyoritsu KEW 2046R 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-2046r-ac-dc-clamp-meter/
Address 54, Ezra Street, Kolkata, West Bengal 700000, India
GSTIN 19ACDPC1843J1ZR



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