

KYORITSU · DIGITAL MULTIMETERS · DATASHEET

Kyoritsu KEW MATE 2012RA Digital Multimeter with AC/DC Clamp Sensor

Model KEW MATE 2012RA · Digital Multimeter with AC/DC Clamp Sensor



Pocket digital multimeter with a built-in 120 A AC/DC open clamp sensor for Ø12 mm conductors, plus capacitance, diode test and frequency.

Key features

- Built-in open clamp sensor for AC/DC current up to 120 A
- Thin open jaws for conductors up to Ø12 mm in tight spaces
- DC/AC voltage to 600 V, resistance, capacitance, diode test and continuity
- Robust cable protection; test probe can be fixed to the holster
- Test lead cap to protect against short circuit
- Pocket-size, heavy-duty design on R03 × 2
- IEC 61010-1 CAT III 300 V / CAT II 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

DC Voltage

Ranges and accuracy 600.0 mV / 6.000 / 60.00 / 600.0 V (input impedance approx. 10 MΩ); ±1.0% rdg ±3 dgt

AC Voltage

Ranges and accuracy 6.000 / 60.00 / 600.0 V (input impedance approx. 10 MΩ); ±1.5% rdg ±5 dgt (45 to 400 Hz)

Current (Clamp)

DC A 60.00 / 120.0 A; ±2.0% rdg ±8 dgt (60 A), ±2.0% rdg ±5 dgt (120 A)

AC A 60.00 / 120.0 A; ±2.0% rdg ±5 dgt (45 to 65 Hz)

Conductor size Ø12 mm max.

Resistance & Continuity

Resistance 600.0 Ω / 6.000 / 60.00 / 600.0 kΩ / 6.000 / 60.00 MΩ; ±1.0% rdg ±5 dgt (600 Ω / 6 / 60 / 600 kΩ), ±2.0% rdg ±5 dgt (6 MΩ), ±3.0% rdg ±5 dgt (60 MΩ)

Continuity buzzer Buzzer sounds below 35 ±25 Ω

Diode test 2.000 V; ±3.0% rdg ±5 dgt; open circuit voltage approx. 2.7 V

Capacitance & Frequency

Capacitance 400.0 nF / 4.000 / 40.00 μF; ±2.5% rdg ±10 dgt



Capacitance & Frequency (continued)

Frequency	AC A: 99.99 / 400.0 Hz, $\pm 0.2\%$ rdg ± 2 dgt (100 Hz), $\pm 0.1\%$ rdg ± 1 dgt (400 Hz); AC V: 99.99 / 999.9 Hz / 9.999 / 99.99 / 300.0 kHz, $\pm 0.2\%$ rdg ± 2 dgt (100 Hz), $\pm 0.1\%$ rdg ± 1 dgt (1000 Hz / 10 / 100 / 300.0 kHz); input sensitivity: current more than 6 A, voltage more than 6 V [to 10 kHz] / more than 20 V [10 to 300 kHz]
-----------	--

Safety

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

General

Power source	R03 (AAA) (1.5 V) $\times$ 2; continuous measuring time DCV approx. 150 hours, ACA approx. 25 hours; auto power save approx. 15 minutes
Dimensions	128 (L) $\times$ 92 (W) $\times$ 27 (D) mm
Weight	Approx. 220 g (including batteries)

What's in the box

- Battery (AAA, 1.5 V) (R03) $\times$ 2
- Instruction manual

Typical applications

- Electrical Maintenance** – Voltage to 600 V and AC/DC current to 120 A without breaking the circuit.
- Field Electrical Testing** – Pocket-size 220 g meter with thin jaws for conductors up to $\varnothing 12$ mm.

Official Kyoritsu documents

KEW MATE 2012RA product catalogue (English) PDF · www.kew-ltd.co.jp

KEW MATE 2012RA instruction manual (English) PDF · www.kew-ltd.co.jp

Order or ask for a quotation

Industrial Supply Syndicate supplies the Kyoritsu KEW MATE 2012RA 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-mate-2012ra-digital-multimeter/
Address	54. Ezra Street, Kolkata, West Bengal 700000, India
GSTIN	19ACDPC1843J1ZR



Scan to WhatsApp us