



KYORITSU · DIGITAL MULTIMETERS · DATASHEET

Kyoritsu KEW 1012 True RMS Digital Multimeter

Model KEW 1012 · True RMS Digital Multimeter



True RMS 6040-count digital multimeter with bar graph, 10 A AC/DC current ranges, capacitance, frequency to 10 MHz and duty cycle.

Key features

- True RMS measurement of distorted waveforms
- 6040-count display with bar graph
- DC/AC voltage to 600 V and DC/AC current to 10 A
- Capacitance to 4000 μ F, frequency to 10 MHz and duty cycle
- MIN/MAX recording and REL (relative value) function
- Runs on R6 (1.5 V) $\times$ 2 with auto power-off
- 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 / 600 V (input impedance 10 M Ω , 100 M Ω on 600 mV only); $\pm 0.5\%$ ± 2 dgt (600.0 mV / 6.000 / 60.00 / 600.0 V), $\pm 0.8\%$ ± 3 dgt (600 V)

AC Voltage

Ranges and accuracy 6.000 / 60.00 / 600.0 / 600 V (input impedance 10 M Ω); $\pm 1.5\%$ ± 5 dgt (6.000 V), $\pm 1.2\%$ ± 3 dgt (60.00 / 600.0 V), $\pm 1.5\%$ ± 5 dgt (600 V)

DC Current

Ranges and accuracy 600 / 6000 μ A / 60 / 600 mA / 6 / 10 A; $\pm 1.2\%$ ± 3 dgt (600 / 6000 μ A / 60 / 600 mA), $\pm 2.0\%$ ± 5 dgt (6 / 10 A)

AC Current

Ranges and accuracy 600 / 6000 μ A / 60 / 600 mA / 6 / 10 A; $\pm 1.5\%$ ± 4 dgt (600 / 6000 μ A / 60 / 600 mA), $\pm 2.2\%$ ± 5 dgt (6 / 10 A)

Resistance & Continuity

Resistance 600 Ω / 6 / 60 / 600 k Ω / 6 / 60 M Ω ; $\pm 1.0\%$ ± 2 dgt (600 Ω / 6 / 60 / 600 k Ω / 6 M Ω), $\pm 2.0\%$ ± 3 dgt (60 M Ω)

Continuity buzzer 0 to 600 Ω (buzzer sounds below 100 Ω)

Diode test 2.8 V open circuit voltage; approx. 0.4 mA test current

Capacitance, Frequency & Duty

Capacitance 40 / 400 nF / 4 / 40 / 400 / 4000 μ F

Frequency 10 / 100 / 1000 Hz / 10 / 100 / 1000 kHz / 10 MHz



Capacitance, Frequency & Duty (continued)

Duty	0.1 to 99.9% (pulse width / pulse period); $\pm 2.0\%$ ± 2 dgt (to 10 kHz)
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Safety

Measurement category	IEC 61010-1 CAT III 300 V / CAT II 600 V, pollution degree 2
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Standards	IEC 61010-031, IEC 61326
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General

Display	6040 counts
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Power source	R6 (1.5 V) $\times$ 2; auto power-off within 15 minutes
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Dimensions	161 (L) $\times$ 82 (W) $\times$ 50 (D) mm
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Weight	Approx. 280 g
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What's in the box

- Test leads (7066A)
- Ceramic fuse [0.8 A / 600 V] (8918)
- Ceramic fuse [10 A / 600 V] (8919)
- Battery (1.5 V) (R6) $\times$ 2
- Instruction manual

Typical applications

- **Electrical Maintenance** – True RMS AC/DC voltage to 600 V and AC/DC current to 10 A; CAT III 300 V rated.
- **Industrial Troubleshooting** – True RMS reads distorted waveforms; frequency, duty and capacitance for control circuits.

Official Kyoritsu documents

[KEW 1012 product catalogue \(English\)](#) PDF · www.kew-ltd.co.jp

[KEW 1012 instruction manual \(English\)](#) PDF · www.kew-ltd.co.jp

Order or ask for a quotation

Industrial Supply Syndicate supplies the Kyoritsu KEW 1012 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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