



KYORITSU · DIGITAL MULTIMETERS · DATASHEET

Kyoritsu KEW 1061 True RMS Digital Multimeter

Model KEW 1061 · True RMS Digital Multimeter



High-accuracy True RMS digital multimeter with 50,000 counts, 0.02% basic DC accuracy, dual display, AC+DC ranges and CAT IV 600 V rating.

Key features

- 0.02% basic DC accuracy with 50,000-count display
- Dual display (e.g. AC and DC, V and Hz)
- True RMS measurement of AC and AC+DC
- Peak hold with 250 μ s response time
- Internal memory: 1,000 data (logging), 100 data (manual); PC transfer via USB
- Terminal shutter on current terminals; operating range -20 to 55 °C
- IEC 61010-1 CAT IV 600 V / CAT III 1000 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

Detection

Detection mode True RMS

DC Voltage

Ranges and accuracy 50.000 / 500.00 / 2400.0 mV / 5.0000 / 50.000 / 500.00 / 1000.0 V (input impedance approx. 100 M Ω [50 / 500 / 2400 mV], 10 M Ω [5 / 50 / 500 / 1000 V]); $\pm 0.02\%$ rdg ± 2 dgt (basic accuracy)

AC Voltage

Ranges and accuracy 500.00 mV / 5.0000 / 50.000 / 500.00 / 1000.0 V (input impedance 11 M Ω < 50 pF [50 / 500 mV / 5 V], 10 M Ω < 50 pF [50 / 500 / 1000 V]); $\pm 0.7\%$ rdg ± 30 dgt (basic accuracy)

DC V + AC V

5.0000 / 50.000 / 500.00 / 1000.0 V (input impedance 11 M Ω < 50 pF [5 V], 10 M Ω < 50 pF [50 / 500 / 1000 V]); $\pm 1\%$ rdg ± 10 dgt (basic accuracy)

Current

DC A 500.00 / 5000.0 μ A / 50.000 / 500.00 mA / 5.0000 / 10.000 A; $\pm 0.2\%$ rdg ± 5 dgt (basic accuracy)

AC A 500.00 / 5000.0 μ A / 50.000 / 500.00 mA / 5.0000 / 10.000 A; $\pm 1\%$ rdg ± 20 dgt (basic accuracy)

DC A + AC A 500.00 / 5000.0 μ A / 50.000 / 500.00 mA / 5.0000 / 10.000 A; $\pm 1.5\%$ rdg ± 10 dgt (basic accuracy)



Resistance & Continuity

Resistance	500.00 Ω / 5.0000 / 50.000 / 500.00 k Ω / 5.0000 / 50.000 M Ω ; $\pm 0.1\%$ rdg ± 2 dgt (basic accuracy)
Continuity buzzer	500.0 Ω (buzzer turns on below 100 ± 50 Ω)
Diode test	2.4000 V; $\pm 1\%$ rdg ± 2 dgt; open circuit voltage < 5 V (approx. 0.5 mA measuring current)

Capacitance, Frequency & Temperature

Capacitance	5.000 / 50.00 / 500.0 nF / 5.000 / 50.00 / 500.0 μ F / 5.000 / 50.00 mF; $\pm 1\%$ rdg ± 5 dgt (basic accuracy)
Frequency	2.000 to 9.999 / 9.00 to 99.99 / 90.0 to 999.9 Hz / 0.900 to 9.999 / 9.00 to 99.99 kHz; $\pm 0.02\%$ rdg ± 1 dgt (basic accuracy)
Duty	10 to 90%; $\pm 1\%$ rdg
Temperature	-200 to 1372 $^{\circ}$ C, $\pm 1\%$ rdg ± 1.5 $^{\circ}$ C / -328 to 2501.6 $^{\circ}$ F, $\pm 1\%$ rdg ± 2.0 $^{\circ}$ F (with K-type temperature probe)

Functions

Measurement functions	DC voltage, AC voltage, DC current, AC current, resistance, frequency, temperature, capacitance, duty cycle ratio, decibel (dBV, dBm), continuity check, diode test
Other functions	Data Hold, Auto Hold, Range Hold, MAX, MIN, AVG, zero adjustment (capacitor, resistance), relative values, save to memory, LCD backlight

Safety

Measurement category	IEC 61010-1 CAT IV 600 V / CAT III 1000 V, pollution degree 2
Standards	IEC 61010-031, IEC 61326-1 (EMC)

General

Power source	R6/LR6 (1.5 V) $\times$ 4; auto power off approx. 20 minutes
Dimensions	192 (L) $\times$ 90 (W) $\times$ 49 (D) mm
Weight	Approx. 570 g (including batteries and blank cover)

What's in the box

- Test leads (7220A)
- Fuse [440 mA / 1000 V] (8926)
- Fuse [10 A / 1000 V] (8927)
- Batteries
- Instruction manual
- Blank cover

Typical applications

- **Industrial Troubleshooting** – 50,000 counts, dual display and AC+DC True RMS for detailed fault-finding.
- **Electrical Maintenance** – Voltage to 1000 V and current to 10 A; CAT IV 600 V / CAT III 1000 V rated.

Official Kyoritsu documents

[KEW 1061 product catalogue \(English\)](#) PDF · www.kew-ltd.co.jp

[KEW 1061 instruction manual \(English\)](#) PDF · www.kew-ltd.co.jp



Order or ask for a quotation

Industrial Supply Syndicate supplies the Kyoritsu KEW 1061 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-1061-digital-multimeter/**
Address **54. Ezra Street, Kolkata, West Bengal 700000, India**
GSTIN **19ACDPC1843J1ZR**



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