

KYORITSU · DIGITAL MULTIMETERS · DATASHEET

Kyoritsu KEW 1062 True RMS Digital Multimeter

Model KEW 1062 • True RMS Digital Multimeter



Top-end True RMS digital multimeter with 50,000 counts, 0.02% DC accuracy, MEAN mode, low-pass filter, Low Power Ω and 10,000-reading memory.

Key features

- 0.02% basic DC accuracy with 50,000-count dual display
- True RMS or MEAN detection; AC bandwidth 10 Hz to 100 kHz
- Low-pass filter for motor drive measurements
- Low Power Ω for sensitive electronic circuits
- Peak hold with 250 μ s response; user calibration function
- Internal memory: 10,000 data (logging), 100 data (manual); PC transfer via USB
- 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	MEAN / True RMS (switch)
MEAN	0.000000
True RMS	0.000000

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 MΩ [50 / 500 / 2400 mV], 10 MΩ [5 / 50 / 500 / 1000 V]); ±0.02% rdg ±2 dgt (basic accuracy)

AC Voltage

True RMS	50.000 / 500.00 mV / 5.0000 / 50.000 / 500.00 / 1000.0 V (input impedance 11 MΩ < 50 pF [50 / 500 mV / 5 V], 10 MΩ < 50 pF [50 / 500 / 1000 V]); ±0.4% rdg ±30 dgt (basic accuracy)
MEAN	50.000 / 500.00 mV / 5.0000 / 50.000 / 500.00 / 1000.0 V (input impedance 11 MΩ < 50 pF [50 / 500 mV / 5 V], 10 MΩ < 50 pF [50 / 500 / 1000 V]); ±1% rdg ±30 dgt (basic accuracy)
DC V + AC V	5.0000 / 50.000 / 500.00 / 1000.0 V (input impedance 11 MΩ < 50 pF [5 V], 10 MΩ < 50 pF [50 / 500 / 1000 V]); ±0.5% 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 (True RMS)	500.00 / 5000.0 μ A / 50.000 / 500.00 mA / 5.0000 / 10.000 A; $\pm 0.75\%$ rdg ± 20 dgt (basic accuracy)



Current (continued)	
AC A (MEAN)	500.00 / 5000.0 μ A / 50.000 / 500.00 mA / 5.0000 / 10.000 A; $\pm 1.5\%$ 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; $\pm 1\%$ 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 ; $\pm 0.05\%$ rdg ± 2 dgt (basic accuracy)
Low Power Ω	5.000 / 50.00 / 500.0 k Ω / 5.000 M Ω ; $\pm 0.2\%$ rdg ± 3 dgt (basic accuracy)
Continuity buzzer	500.0 Ω (buzzer turns on below 100 $\pm 50 \Omega$)
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, Low Power Ω
Other functions	Data Hold, Auto Hold, Peak 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, Low Power Ω and 10,000-reading memory for detailed diagnostics.
- **Motor Testing** – Low-pass filter and True RMS/MEAN modes for motor drive output measurements.
- **Electrical Maintenance** – Rated IEC 61010-1 CAT IV 600 V / CAT III 1000 V.

Official Kyoritsu documents

[KEW 1062 product catalogue \(English\)](#) PDF · www.kew-ltd.co.jp

[KEW 1062 instruction manual \(English\)](#) PDF · www.kew-ltd.co.jp

Order or ask for a quotation

Industrial Supply Syndicate supplies the Kyoritsu KEW 1062 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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