



## KYORITSU · DIGITAL MULTIMETERS · DATASHEET

# Kyoritsu KEW 1021R True RMS Digital Multimeter

Model KEW 1021R · HSN 9030 3100 · True RMS Digital Multimeter



True RMS 6000-count multimeter rated CAT IV 300 V, with 10 A current ranges and an input for Kyoritsu clamp sensors.

**Key features**

- True RMS measurement
- 6000-count display with backlight
- MIN/MAX function
- Direct AC/DC current to 10 A; up to 200 A with an optional clamp sensor (sensor mode)
- Wing-type and flat-type detachable holders
- IEC 61010-1 CAT IV 300 V / CAT III 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**

**DC V** 6.000 / 60.00 / 600.0 V (auto-ranging)  $\pm 0.5\%$  rdg  $\pm 3$  dgt; DC mV 600.0 mV  $\pm 1.5\%$  rdg  $\pm 3$  dgt

**AC Voltage**

**AC V** 6.000 / 60.00 / 600.0 V (auto-ranging)  $\pm 1.0\%$  rdg  $\pm 3$  dgt [40–500 Hz]; AC mV 600.0 mV  $\pm 2.0\%$  rdg  $\pm 3$  dgt [40–500 Hz]

**Detection** True RMS

**Current**

**DC A** 6.000 / 10.00 A (auto-ranging)  $\pm 1.5\%$  rdg  $\pm 3$  dgt

**AC A** 6.000 / 10.00 A (auto-ranging)  $\pm 1.5\%$  rdg  $\pm 3$  dgt [45–500 Hz]

**Clamp sensor input** DC 60.00 / 200.0 A  $\pm 1.5\%$  rdg  $\pm 3$  dgt + sensor accuracy; AC 60.00 / 200.0 A  $\pm 2.0\%$  rdg  $\pm 3$  dgt + sensor accuracy [40–500 Hz]

**Resistance & Continuity**

**Resistance** 600.0  $\Omega$  / 6.000 / 60.00 / 600.0 k $\Omega$  / 6.000 / 40.00 M $\Omega$  (auto-ranging);  $\pm 0.5\%$  rdg  $\pm 4$  dgt (600  $\Omega$ ),  $\pm 0.5\%$  rdg  $\pm 2$  dgt (6 k $\Omega$ –6 M $\Omega$ ),  $\pm 1.5\%$  rdg  $\pm 3$  dgt (40 M $\Omega$ )

**Continuity buzzer** 600  $\Omega$  range; buzzer below 90  $\Omega$

**Diode test** Open circuit voltage < 3.0 V

**Other Functions**

**Capacitance** 60.00 / 600.0 nF / 6.000 / 60.00 / 600.0 / 1000  $\mu$ F;  $\pm 2.0\%$  rdg  $\pm 5$  dgt (60/600 nF),  $\pm 5.0\%$  rdg  $\pm 5$  dgt (6–1000  $\mu$ F)



## Other Functions (continued)

**Frequency** ACV: 99.99 / 999.9 Hz / 9.999 / 99.99 kHz  $\pm 0.1\%$  rdg  $\pm 3$  dgt; ACA: 99.99 / 999.9 Hz / 9.999 kHz  $\pm 0.1\%$  rdg  $\pm 3$  dgt

**Duty cycle** 10.0–90.0%  $\pm 1.0\%$  rdg  $\pm 3$  dgt [50/60 Hz]

## Display & Safety

**Display** 6000 counts, backlight

**Measurement category** IEC 61010-1 CAT IV 300 V / CAT III 600 V

**Standards** IEC 61010-2-033, IEC 61010-031, EN 50581 (RoHS)

## General

**Power source** R03 (AAA, 1.5 V)  $\times 2$

**Dimensions** 155 (L)  $\times$  75 (W)  $\times$  40 (D) mm

**Weight** Approx. 250 g (including batteries)

## What's in the box

- Wing-type holder
- Flat-type holder
- Test leads (7066A)
- Ceramic fuse 10 A/600 V (8919)
- Carrying case (9097)
- AAA battery (R03)  $\times 2$
- Instruction manual

## Typical applications

- **Electrical Maintenance** – True RMS voltage and current measurement with CAT IV 300 V rating.
- **Electrical Panel Testing** – Rated IEC 61010-1 CAT IV 300 V / CAT III 600 V.
- **Industrial Troubleshooting** – Frequency, duty cycle and MIN/MAX functions; clamp-sensor input to 200 A.

## Official Kyoritsu documents

**KEW 1021R product catalogue (English)** PDF · [www.kew-ltd.co.jp](http://www.kew-ltd.co.jp)

**KEW 1021R instruction manual (English)** PDF · [www.kew-ltd.co.jp](http://www.kew-ltd.co.jp)

## Order or ask for a quotation

Industrial Supply Syndicate supplies the Kyoritsu KEW 1021R 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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