NEW AC DIGITAL CLAMP METER SERIES

CAT IV 1000A True-RMS

Measures both low and high power circuits

- Peak Hold for inrush current *2127R Only
- Backlight LCD provides easy reading in dark locations *2127R Only
- Fully Safety jaw
- Ergonomic over-molded body gives convenient one-hand operation
- Large easy-to-read display with 0.01 A resolution *2117R, 2127R
- Safety Standard IEC61010-1 CAT IV 300V / CAT III 600V

KEW 2007R/2117R/2127R

KYORITSU ELECTRICAL INSTRUMENTS WORKS, LTD.
http://www.kew-ltd.co.jp
The contents of this leaflet are subject to change without notice.

**KEW 2007R/2117R/2127R Specifications**

<table>
<thead>
<tr>
<th>KEW 2007R</th>
<th>KEW 2117R</th>
<th>KEW 2127R</th>
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</thead>
<tbody>
<tr>
<td><strong>AC A</strong></td>
<td>600.0/1000A (Auto-ranging)</td>
<td>600.0/1000A/1000mA (Auto-ranging)</td>
</tr>
<tr>
<td></td>
<td>±1.5%rdg ±3-dgt [45 - 65Hz]</td>
<td>±1.5%rdg ±3-dgt [45 - 65Hz]</td>
</tr>
<tr>
<td></td>
<td>±2.2%rdg ±3-dgt [40 - 400Hz]</td>
<td>±2.2%rdg ±3-dgt [40 - 140Hz]</td>
</tr>
<tr>
<td><strong>AC V</strong></td>
<td>600.0V</td>
<td>600.0/600.0V (Auto-ranging)</td>
</tr>
<tr>
<td></td>
<td>±1.2%rdg ±3-dgt [45 - 65Hz]</td>
<td>±1.2%rdg ±3-dgt [45 - 65Hz] (600V)</td>
</tr>
<tr>
<td></td>
<td>±1.5%rdg ±4-dgt [40 - 400Hz]</td>
<td>±1.5%rdg ±4-dgt [40 - 140Hz] (600V)</td>
</tr>
<tr>
<td><strong>DC V</strong></td>
<td>600.0V</td>
<td>600.0/600.0V (Auto-ranging)</td>
</tr>
<tr>
<td></td>
<td>±1.2%rdg ±3-dgt</td>
<td>±1.2%rdg ±3-dgt (60V), ±1.2%rdg ±3-dgt (600V)</td>
</tr>
<tr>
<td><strong>I</strong></td>
<td>600.0/10.000A (Auto-ranging)</td>
<td>600.0/10.000A/1000mA (Auto-ranging)</td>
</tr>
<tr>
<td></td>
<td>±1.3%rdg ±2-dgt (800Ω)</td>
<td>±1.1%rdg ±2-dgt (800Ω)</td>
</tr>
<tr>
<td></td>
<td>±2.0%rdg ±3-dgt (60Ω)</td>
<td>±2.0%rdg ±3-dgt (60Ω/600kΩ)</td>
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</table>

- **Continuity buzzer**: 600Ω (Buzzer sounds below 90Ω)
- **Peak Hold**: for inrush current
- **True RMS**: for accurate readings also in presence of modern loads such as LED lamps, motor inverters, PCs, TVs, Air conditioners, etc.
- **NCV Sensor**: can detect electrical field only from the direction indicated in the below figure.
- **Diode test**: only from the direction indicated in the below figure.
- **Capacitance test**: only from the direction indicated in the below figure.
- **AC V**: 60.00/600.0V (Auto-ranging)
- **DC V**: 60.00/600.0V (Auto-ranging)
- **AC A**: 60.00/600.0/1000A (Auto-ranging)
- **AC V**: 600.0V/1000V
- **DC V**: 600.0V
- **Frequency**: Approx. 170 hours (when R03 is used) (Auto power saving: approx. 10 minutes) (NCV_LED: Backlight OFF)
- **Power source**: R03(LR03)(AAA)(1.5V)x2
- **Dimensions**: 204(L) x 81(W) x 36.0mm
- **Weight**: Approx. 220g (including batteries) Approx. 230g (including batteries)
- **Applicable Standards**: IEC 61010-1 CAT III 300V, CAT IV 600V Pollution degree 2
- **Conductor size**: 3.3mm max.

**Included Accessories**

- 7066A (Test leads), 9079 (Carrying case), R03 (AAA)x2

**Selection Guide**

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<th>Continuity buzzer</th>
<th>NCV</th>
<th>Capacitance test</th>
<th>Diode test</th>
<th>Back light</th>
<th>Peak Hold</th>
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<tr>
<td>2007R</td>
<td>O</td>
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<tr>
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<td>O</td>
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<td>2127R</td>
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**Peak Hold Function** (2127R only)

Press the SELECT key on ACA, ACV or DCV function to start PEAK measurement. The LCD shows updates the max measured value repeatedly during a measurement.

**NCV Function** (2117R, 2127R)

NCV Sensor can detect electrical field only from the direction indicated in the below figure.

Please read the "Safety Warnings" in the instruction manual supplied with the instrument thoroughly and completely for correct use. Failure to follow the safety rules can cause fire, trouble, electrical shock, etc. Therefore, make sure to operate the instrument on a correct power supply and voltage rating marked on each instrument.

**Safety Warnings**

For inquiries or orders:

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