NEW

PV INSULATION EARTH TESTER
KEW 6024PV

No need to short circuit strings for measuring the insulation resistance!

- Correct measuring for Insulation resistance even if PV arrays are under generating power
- Waterproof design: Can measure under the bad weather condition
- Memory function up to 1000 data
- Luminescence button and Backlight

PV Insulation
Insulation
Earth
Volts

KYORITSU ELECTRICAL INSTRUMENTS WORKS, LTD.
http://www.kew-ltd.co.jp
For inquiries or orders:

Safety Warnings:

- 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.

- Capacitance effect to earth may increase in wet condition or be influenced by the earthing system.
- Static capacitance may prolong measurement time or cause unstable readings.

- Accurate and quick results also in case of large capacitance effects.

### KEW 6024PV Specifications

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<th>Insulation resistance</th>
<th>PV Insulation</th>
<th>Insulation</th>
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<tr>
<td>Test voltage</td>
<td>500V</td>
<td>1000V</td>
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<tr>
<td>Measuring range</td>
<td>1000V</td>
<td>500V</td>
</tr>
<tr>
<td>Rated current</td>
<td>1.0~1.2mA</td>
<td>0.8~2.0mA</td>
</tr>
<tr>
<td>First effective measure</td>
<td>1.51~100.0MΩ</td>
<td>1.51~100.0MΩ</td>
</tr>
<tr>
<td>Accuracy</td>
<td>±1.5% rdg ±5dgt</td>
<td>±1.5% rdg ±5dgt</td>
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<tr>
<td>Second effective measure</td>
<td>0.00~1.5MΩ</td>
<td>0.00~1.5MΩ</td>
</tr>
<tr>
<td>Accuracy</td>
<td>±3.0% rdg ±6dgt</td>
<td>±3.0% rdg ±6dgt</td>
</tr>
<tr>
<td>Open circuit voltage</td>
<td>0~+20%</td>
<td>0~+20%</td>
</tr>
<tr>
<td>Short circuit current</td>
<td>Max 1.5mA</td>
<td>Max 1.5mA</td>
</tr>
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</table>

### Earth resistance

- Accuracy: ±3.0% rdg ±6dgt

### Voltage measurement

- Measuring range: AC 5~600V (45~65Hz), DC ±5~±1000V
- Accuracy: ±1.0% rdg ±4dgt

### General

- Applicable Standards: IEC 61010-1 CAT IV 300V, CAT III 600V, Pollution2, IEC 61010-2-030, IEC 61010-031, IEC 60529, IEC 61557-1,-2,-5,-10, IEC 61326-1,2-2(EMC), EN50581(RoHS)
- Power source: LR6(AA) (1.5V) x 6
- Dimensions / Weight: 184(L) x 133(W) x 84(D)mm / Approx. 900g (including batteries)
- Accessories: 7196A (Test leads with remote control switch), 7244A (Test lead with alligator clip), 8017 (Extension prod), 8072 (CAT standard prod), 8212-USB (USB adaptor with “KEW Report (Software)”), 8016 (Instruction manual, Calibration Certificate)
- Optional: 7243 (L-shaped probe), 9155 (Shoulder strap), 9156 (Carrying case), LR6 x 6, Instruction manual, Calibration Certificate

*6024PV supports the PV systems up to 1000V.

### Included Accessories

- 7243: L-shaped probe
- 7245A: Precision measurement cord set
- 8016: Hook type prod

### Optional Accessories

- 7243: L-shaped probe
- 7245A: Precision measurement cord set

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KYORITSU ELECTRICAL INSTRUMENTS WORKS, LTD.

2-5-20, Nakane, Meguro-ku, Tokyo, 152-0031 Japan
Phone: +81-3-3723-0131
Fax: +81-3-3723-0152
E-mail: info-eng@kew-ltd.co.jp

http://www.kew-ltd.co.jp

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