Contact your dealer immediately.

Category CAT III 600V and Double Insulation.

This Meter complies with EN 61010-1:2010 safety measurement

Impaired.

dedicated to universal two-wire line (Connected to two-plug red test lead )

in the Meter from interference. The performance of the Meter may
deteriorate after dampened.

to the surface of the Meter when cleaning. Use a slightly damp cotton

to prevent the surface of the Meter from

deteriorate after dampened.

Do not use any damage to the Meter, please contact your
dimmer immediately.


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B. Measuring Insulation Resistance

To measure insulation resistance, set up the Meter as follows:

1. Disconnect all power to the circuit to be measured and discharge all the power.
2. Do not perform insulation resistance tests on circuits with dangerous voltage.
3. Disconnect all power to the circuit to be measured and discharge all the power.
4. Insert the red and green test leads into the Meter's input terminals.
5. Press the TEST button to select the insulation resistance range.
6. Insert the red test lead into the circuit to be measured and the green one into the Meter's input terminals.
7. If the insulation resistance value is smaller than compare value, otherwise GOOD symbol will be displayed.

When performing insulation resistance tests, carry out the measurement. To avoid electric shock, remove all the test leads from the Meter before replacing the batteries.

Operating Caution
- Do not mix to use old and new batteries.
- Be careful the polarity is correct when installing batteries.
- Do not use the Meter if the battery indicator ( ) shows.
- Do not carry out measurement during the battery compartment is open.

Follow Figure 8 and proceed as follows to replace the batteries:
1. Turn the Meter to OFF and remove all connections from the terminals.
2. Remove the screw from the battery compartment, and separate the battery terminal from the case bottom.
3. Replace with 8pcs of new 1.5V (LR14) batteries.
4. Reinstall the case bottom and battery compartment, and rinstall the screw.

Using Power Adaptor
Refer to Figure 6 for the use of power adaptor.

1. Open the side safety shutter, then you will see there is a power adaptor input terminal.
2. Make sure the power input is correct and that the UT512 power adaptor connector is correct.
3. It is highly recommended to use Uni-Trend supplied UT512 power adaptor to avoid unnecessary danger.

Connecting USB Interface
See Figure 7 for USB interface connection.

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Safety and Compliances</th>
</tr>
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<tbody>
<tr>
<td>Display (LCD)</td>
<td>Digital: 9999 counts Analog bar graph.</td>
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<td>Battery Indicator</td>
<td>Display 1 2 3 4 5</td>
</tr>
<tr>
<td>Average</td>
<td>B A R A 1 2 3 4 5</td>
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<tr>
<td>Operating Temperature</td>
<td>-10°C ~ 40°C (14°F ~ 104°F)</td>
</tr>
<tr>
<td>SAR</td>
<td>10W/kg @ 20cm</td>
</tr>
<tr>
<td>Voltage</td>
<td>150V, 250V, 500V, 1000V, 2500V</td>
</tr>
<tr>
<td>Current</td>
<td>1mA ~ 1.2mA @ 1M</td>
</tr>
<tr>
<td>Weight</td>
<td>Approx 2kg (including battery)</td>
</tr>
</tbody>
</table>

Accuracy Specifications
- Accuracy: ±(2% of reading) + (number of significant digits), guarantee for 1 year.
- Operating Temperature: 10°C ~ 30°C
- Relative humidity: 0% @ 10°C ~ 40°C, 80% @ 20°C ~ 60°C
- Battery Type: 8pcs of 1.5V (LR14) batteries or power adaptor

Warning
- Do not attempt to repair or service your Meter unless you are qualified to do so and have the necessary knowledge, skill, and experience.
- Do not use the Meter if the battery indicator ( ) shows.

At any output voltage, when the tested resistance is less than 10M, the testing time cannot exceed 10 seconds continuously.

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