1. Safety Warnings

This instrument has been designed and tested according to IEC Publication 61010. Safety Requirements for Electronic Measuring Apparatus. This instruction manual contains warnings and safety rules which must be observed by the user to ensure safe operation of the instrument and retain it in safe condition. Therefore, read through these operating instructions when using the instrument.

- Follow the instructions in the manual.
- The instrument is intended to be used only by trained personnel.
- Use only the accessories recommended by the manufacturer.

- Do not expose the instrument to the direct sun, wet, or water.
- Do not use the instrument if it has any structural damage.
- Use appropriate protective clothing and footwear.

Adapted from: "Kew Snap 6208A" Instruction Manual

2. Features

This instrument has been designed and tested according to IEC Publication 61010. Safety Requirements for Electronic Measuring Apparatus. This instruction manual contains warnings and safety rules which must be observed by the user to ensure safe operation of the instrument and retain it in a safe condition. Therefore, read through these operating instructions when using the instrument.

3. Measurements

- **Temperature**
- **V/Terminal**
- **AC Current Measurement**
- **DC Current Measurement**

4. Preparation for Measurement

- **4-1 Releasing Pointer Lock**
  - Slide the pointer lock button to the right position to unlock the pointer.

- **4-2 Meter Zero Adjustment**
  - Set the pointer at the center of the "0" mark of the scale by setting the zero adjuster with a screwdriver.

5. 5-1 AC Current Measurement

- **5-2 DC Voltage Measurement**

- **5-3 Checking Battery Voltage**

- **5-4 Setting the Range Switch**

- **5-5 Battery Replacement**

Adapted from: "Kew Snap 6208A" Instruction Manual
4. Resistance Measurement

- **WARNING**
  - Do not make measurement with the bottom case removed.
  - Keep your fingers and hands behind the barrier during measurement.

5-4 DC Voltage Measurement

<table>
<thead>
<tr>
<th>Range</th>
<th>Scale used</th>
<th>Multiply reading by</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC150V</td>
<td>150 V</td>
<td>×1</td>
</tr>
<tr>
<td>AC300V</td>
<td>300 V</td>
<td>×1</td>
</tr>
<tr>
<td>AC600V</td>
<td>600 V</td>
<td>×10</td>
</tr>
</tbody>
</table>

5-3 Resistance Measurement

- **WARNING**
  - Do not make measurement on a circuit above 60V DC.
  - Do not make measurement with the bottom case removed.
  - Keep your fingers and hands behind the barrier during measurement.

6. Using Pointer Lock

The pointer lock feature can be used for measurement in dimly light or hard-to-read locations.

- a. Make AC current, AC voltage, DC voltage or resistance measurement as described in section 5.
- b. Slide the pointer lock button to the left position.
- c. Take the reading away from the conductor or the circuit under test.
- d. To release the pointer lock, slide the button to the right.

7. Battery and Fuse Replacement

- **WARNING**
  - To avoid electric shock hazard, make sure to remove the test leads from the instrument before trying to replace batteries.
  - Make sure to screw the bottom case back onto the instrument after battery or fuse replacement.
  - Do not install a battery or fuse that does not have the specified rating.

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**WARNING**

- Keep your fingers and hands behind the barrier during measurement.
- Make sure that there is no voltage in the circuit or equipment under test.
- Do not make measurement with the test leads connected to the instrument.
- Do not make measurement on a metal part or the circuit under test.
- Do not make measurement on a circuit is protected by a 0.5A/250V fuse.
- Do not make measurement on a metal part or the circuit under test.
- Do not make measurement on a metal part or the circuit under test.
- Do not make measurement on a metal part or the circuit under test.

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**WARNING**

- Do not make measurement on a circuit above 60V AC.
- The transformer jaws are made of metal and their tips are not insulated. Never touch the exposed metal parts under test with bare hands.
- Do not make measurement with the bottom case removed.
- Do not make measurement with the test leads connected to the instrument.
- When the input of the current under test is not known, make measurement first on the highest 300A range, then switch to the appropriate range.

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**WARNING**

- Do not measure on a metal part with a voltage more than 30V AC or 60V DC.
- Make sure to remove the test leads from the terminals when resistance measurement is over. If the test leads are left inserted to the terminals, their inadvertent shorting can exhaust the battery.
- The instrument does not operate properly in resistance measurement, When the instrument does not operate properly in resistance measurement, When the instrument does not operate properly in resistance measurement, When the instrument does not operate properly in resistance measurement, When the instrument does not operate properly in resistance measurement, When the instrument does not operate properly in resistance measurement.

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**WARNING**

- To avoid electric shock hazard, make sure to remove the test leads from the instrument before trying to replace batteries.
- Make sure to screw the bottom case back onto the instrument after battery or fuse replacement.
- Do not install a battery or fuse that does not have the specified rating.