Rugged & Compact

AC FLEXIBLE CURRENT SENSOR (option)
φ130 mm (5.12”)
4200 A AC

Use with an AC Clamp Meter to measure large wires and currents.

Attachment (Included with AC Flexible Current Sensor)

Tip is fixed in an L-shape for easy manipulation in confined spaces

Pocket size

-25°C to 65°C

Broad operating temperature range

Mechanically robust design

Testers are built tough to withstand a 1-meter drop onto a concrete floor.

*AC Flexible Current Sensor optional. Also available as part of a value-priced set.

AC CLAMP METER
φ33 mm (1.30”)
1000 A AC

AC CLAMP METER
3280-10F

Measurement functions

- A
  - AC current

- V
  - AC voltage
  - DC voltage
  - Resistance
  - Continuity
Essential equipment for professional electricians: Measure current and voltage with a single instrument

**Specifications**

Basic accuracy figures for measurement ranges are indicated in parentheses.

<table>
<thead>
<tr>
<th>AC measurement method</th>
<th>MEAN value</th>
<th>DC voltage</th>
<th>Continuity Check</th>
<th>Display refresh rate</th>
<th>Operating temperature and humidity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core jaw diameter</td>
<td>420.0 A/ 4200 A, 2400 A (±1.5% rdg.±4 dgt.)</td>
<td>420.0 mV to 600 V, 5 ranges (±1.0% rdg.±3 dgt.)</td>
<td>420.0 Ω (±2.0% rdg.±4 dgt.)</td>
<td>400 ms</td>
<td>−25°C to 60°C (−13°F to 149°F), 80% RH or less (no condensation)</td>
</tr>
</tbody>
</table>

**Lineup**

<table>
<thead>
<tr>
<th>Model</th>
<th>AC CLAMP METER 3280-10F</th>
<th>AC CLAMP METER SET 3280-70F</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC measurement method</td>
<td>MEAN value</td>
<td>MEAN value</td>
</tr>
<tr>
<td>Order code</td>
<td>3280-10F</td>
<td>3280-70F</td>
</tr>
</tbody>
</table>

**Images**

- Included test leads come with caps to prevent inadvertent short-circuits.
- Essential equipment for professional electricians: Measure current and voltage with a single instrument.
- Freely bendable, in small spaces, for easy attachment.
- Large-diameter loop is ideal for measuring large wires and pairs of wires.
- In small spaces, freely bendable, attachment for easier routing between wires.
- Store everything in the bundled Carrying Case C0205.

**About AC measurement**

There are two methods for converting current into RMS values: the mean method (mean rectification RMS value indication) and the true RMS method (true RMS value indication).

**MEAN method (MEAN value)**

The input waveform is treated as an undistorted sine wave (single frequency only). The AC signal mean is calculated, converted to an RMS value, and displayed. The measurement error increases when the waveform is distorted.

**Options**

**TEST LEAD L9208**

**CARRYING CASE 9398**

**AC FLEXIBLE CURRENT SENSOR CT6280**

- **(optional, includes C0205 and attachment)**
- **(optional, for storing the CT6280, L9208 and main body)**
- **(optional, one end of each test lead is fixed to rear of case.)**

**Ideal for distorted current signals**

The legacy 3280-20F has been redesigned to deliver easier clamping.

**NEW**

**AC CLAMP METER CM3289**

- Measure even harmonic waveform components using the True RMS method.
- A new sensor profile yields outstanding ease of use.
- Connect the CT6280 flexible sensor to measure up to 4199 A in thick or paired wires.

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