FLIR CM78 1000A clamp meter with IR thermometer

The FLIR CM78 is a true RMS industrial grade 1000A clamp meter for the electrician who needs a safe, capable combination tool.

- Integrated IR thermometer provides fast non-contact measurements on panels, conduits, and motors
- Powerful worklights not only assist with clamping but are bright enough to serve as a primary worklight
- FLIR Tools Mobile connects the FLIR CM78 to your compatible smartphones and tablets via Bluetooth *
- METERLINK® technology wirelessly integrates electrical readings on your infrared image with METERLINK-enabled FLIR thermal cameras

Features:
- Voltage and current, min, max, average, auto power off, data hold, relative, peak hold, battery status indicator, bright white LED backlight

Includes:
- 6 AAA batteries, user manual/CD, CAT IV silicone test leads and limited lifetime warranty

**TECHNICAL SUMMARY**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Max Range</th>
<th>Basic Accuracy</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC/DC current</td>
<td>1000A</td>
<td>±2.5%</td>
</tr>
<tr>
<td>AC/DC voltage</td>
<td>1000V</td>
<td>±1.5%</td>
</tr>
<tr>
<td>Resistance</td>
<td>40.00MΩ</td>
<td>±1.5%</td>
</tr>
<tr>
<td>Capacitance</td>
<td>4.000mF</td>
<td>±3%</td>
</tr>
<tr>
<td>Frequency</td>
<td>4000Hz</td>
<td>±1.5%</td>
</tr>
<tr>
<td>Temperature (IR)</td>
<td>-20 to 518°F, -20 to 270°C</td>
<td>±2%</td>
</tr>
<tr>
<td>IR distance to target ratio</td>
<td>8 inches away : 1 inch spot size</td>
<td></td>
</tr>
<tr>
<td>Type K temperature (optional probe)</td>
<td>-4 to 1400°F, -20 to 760°C</td>
<td>±3%</td>
</tr>
</tbody>
</table>

* See www.flir.com for latest compatibility information and more warranty details

**GENERAL INFORMATION**

- Bluetooth range max: 32ft (10m)
- Jaw opening: 1.7in (42mm, 1500MCM)
- Category rating: CAT IV-600V, CAT III-1000V
- Warranty: Limited lifetime*

**Ordering Information**

- CM78 .......................... 1000A true RMS clamp meter + IR thermometer
- CM78-NIST ..................... CM78 with certificate of traceability to NIST
- TA80 .......................... CAT IV silicone test leads

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