78 Automotive Multimeter
with RPM, Dwell, Temp

Features

- Volts, amps, continuity and resistance
- Frequency for "pulsed-DC" and AC frequency tests
- Duty Cycle to verify operation of feedback carburetors, and other variable-duty cycle signals
- Direct Reading Dwell for 3, 4, 5, 6 and 8-cylinder engines
- Temperature in °F or °C up to 980°F or 980°C. thermocouple bead probe and adapter plug accessories included
- Min/Max Recording work with all meter functions
- Precision Analog Bar Graph
- RPM/80 Inductive Pickup (optional accessory) for both conventional and distributorless (DIS) ignitions
- 10 Megohm Input Impedance
- Sleep Mode
- Protective Holster with Flex-Stand™

Specifications

<table>
<thead>
<tr>
<th>Function</th>
<th>Range</th>
<th>Accuracy</th>
<th>Best Resolution</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC Voltage</td>
<td>400 mV - 500V</td>
<td>0.3%</td>
<td>0.1 mV</td>
</tr>
<tr>
<td>AC Voltage</td>
<td>4V - 500V</td>
<td>2.5%</td>
<td>0.001V</td>
</tr>
<tr>
<td>DC Current</td>
<td>4A - 10A</td>
<td>1.0%</td>
<td>0.001A</td>
</tr>
<tr>
<td>AC Current</td>
<td>10A</td>
<td>2.5%</td>
<td>0.01 A</td>
</tr>
<tr>
<td>Resistance</td>
<td>400 Ω - 40 MΩ</td>
<td>0.5%</td>
<td>0.1 Ω</td>
</tr>
<tr>
<td>Frequency</td>
<td>20 Hz - 90 kHz</td>
<td>0.01%</td>
<td>0.1 Hz</td>
</tr>
<tr>
<td>Temperature</td>
<td>40°F to 185°F</td>
<td>0.3%</td>
<td>1°</td>
</tr>
<tr>
<td>Dwell Angle</td>
<td>0 - 120°</td>
<td>3°</td>
<td>1°</td>
</tr>
<tr>
<td>Duty Cycle</td>
<td>0.0% - 99.9%</td>
<td>0.0%/kHz</td>
<td>0.1%</td>
</tr>
<tr>
<td>RPM</td>
<td>60 - 7000 RPM</td>
<td>0.2%</td>
<td>1 RPM</td>
</tr>
</tbody>
</table>

Safety

Designed to protection Class II per IEC 1010 overvoltage category II, CSA C22.2 No. 231, ANSI/IEEE-582, IEC 348 and UL 1244. Shock and vibration per MIL-T-28800 for a Class 2 instrument.

Fuse information

Uses a 15A (822583, 871223 or 847793) replaceable internal fuse

Warranty

Lifetime (Meter); 1 year (Accessories)

Included with Your Fluke 78
Analog Digital Multimeter

- Fluke 78 Automotive Meter
- C70Y Holster with Flex-Stand™
- 9V Battery (installed)
- TL75 Test Leads
- AC70 Alligator Clips
- 8PK-1 Bead Thermocouple Probe
- User's Manual

The Fluke 78 gives you the automotive features you need, at the price you want.