



**Process Calibrators**

Extech's Calibrators offer precision Voltage, Current, Thermocouple or Square Wave calibration sources in a selection of portable packages. The full range includes simple checkers to precision, high resolution sources.

**Featuring Model CMM-17**

**▶ Calibrator + MultiMeter**

One precision tool meets all process calibration and measurement needs

**▶ Source and Measure**

Simultaneous display of calibrator output and signal from device under test

**▶ Current, Voltage and Frequency Outputs**

High accuracy, programmable mA, V and square wave calibration source

**▶ PC Software**

Optional bidirectional software for program control and data collection



**412440-S**



**Calibration Source Checker**

Easy to use pocket checker for simulating Current Loops

- Pocket Checkers are easy to use and provide a quick and easy way for checking calibration of meters or controllers
- Instantly determine if your device needs calibration or if sensor needs to be replaced
- Current Loop model is accurate to 0.1mA
- Current: 4mA, 12mA and 20mA; Overload indication when load exceeds 240Ω
- Complete with 9V battery, vinyl case, and calibration cable terminated with subminiature and spade lug connector



Combination Calibrator/  
MultiMeter simultaneously  
sources and measures.

**Accessories**

- 149118 .....117V AC Adaptor for 412300 & 412355
- 149231 .....220V AC Adaptor for 412300 & 412355
- 149116 .....115V AC Adaptor for 422123
- 159220 .....220V AC Adaptor for 422123
- CMM-17-S....PC Software and RS-232 cable for CMM-17
- 140000 .....Hard Vinyl Carrying Case for 412300 & 412355

**NIST Certificate with Data**

All Extech meters come factory calibrated. For an additional charge, Extech will supply your meter complete with a Certificate of Calibration Traceable to N.I.S.T. with Data at multiple points. **To order meter with NIST:**

- 412440-S-NIST
- 412300-NIST
- 412355-NIST
- 422123-NIST
- CMM-17-NIST

**Specifications**

<b>Model</b>	<b>412440-S</b>
<b>Simultaneous Source/Measure</b>	—
<b>Source</b>	—
<b>DC Voltage (resolution)</b>	—
<b>DC Current (resolution)</b>	4, 12, & 20mADC
<b>Thermocouples (resolution)</b>	—
<b>Square wave (resolution)</b>	—
<b>Basic DC Accuracy</b>	0.1mA
<b>Loop Power</b>	—
<b>Measure</b>	—
<b>DC Voltage</b>	—
<b>DC Current</b>	—
<b>AC Voltage</b>	—
<b>AC Current</b>	—
<b>Temperature</b>	—
<b>Pulse width</b>	—
<b>Frequency</b>	—
<b>Dimensions/Weight</b>	3.5x2.3x1" (89x58.4x25.4mm)/10oz (284g)
<b>CE/Warranty</b>	CE approved/1 year