

# Current/Loop Calibrators



## MS-420

### Mini-Source Portable Calibrator

#### Typical Applications:

- Chart Recorder
- Panel Meter
- Data Acquisition
- Other Process Instruments

#### Each Unit Includes:

9 V battery, NIST Certificate, and instruction manual

This multi purpose process loop tool offers high accuracy in an ultra-small, rugged package. The MiniSource Process Calibrator has the ability to calibrate or troubleshoot any 4 mA to 20 mA loop device.

A single pushbutton allows the user to select one of the 5 current outputs (4, 8, 12, 16 or 20 mA) which can drive up to 300 ohms, or act as a 2-wire simulator with an external loop power supply of up to 30 VDC.

#### Specifications

<b>Output:</b>	5 current steps (4, 8, 12, 16, 20 mA)
<b>Accuracy:</b>	±0.075 of full scale
<b>Voltage</b>	
<b>Compliance:</b>	Source: Internal 9 volt battery Simulate: External supply - up to 30 VDC
<b>Temperature</b>	
<b>Stability:</b>	100 ppm/°C
<b>Power Supply:</b>	9 volt alkaline battery
<b>Battery Life:</b>	50 hours @ 4 mA out
<b>Temperature</b>	
<b>Range:</b>	Operating: 0° to 50°C Storage: -25° to 60°C Output Terminations: Two alligator clips on 8" leads.
<b>Size:</b>	3.8" x 2.4" x 1.0"

#### MODEL NO.

MS-420

#### DESCRIPTION

Mini-Source Portable Calibrator