

Compact Portable Calibrator



The hand held pressure calibrator offers a wide range of media compatibility with an accuracy of .1%. PSI, in. H₂O, and current can all be measured with the MECP-440 unit. All measurements are displayed in easy to read .5" digits. A built-in 24 volt supply makes the MECP-440 ideal for calibrating P/I transmitters.

The optional removable hand pump can generate up to 100 psi of pressure.

SPECIFICATIONS		
Ranges	LOW	HIGH
	0-19.99 psi	0-30.0 psi
	0-199.9 in. H ₂ O	0-830 in. H ₂ O
	0-19.99 mA	0-50.0 mA
NOTE: Other pressure ranges available, contact factory		
Accuracy	± 0.01% ± 1 ct. of F.S. for both pressure and current	
Loop Power	24 VDC ± 10% built-in	
Stability	± 0.01% / °C	
Temperature Range	0 to 50°C operating; -20 to 60°C storage	
Media Compatibility	Non-corrosive gases or liquids	
Overpressure Protection	3X maximum range without re-calibration	
Connections		
Pressure	1/8" FNPT inlet with two 1/8" FNPT fittings available for optional hand pump or pressure gage.	
Current	Banana jacks on .75" centers	
Current Overload Protection	1/8 A/250V fuse	
Power	9V alkaline or AC adapter	
Size	6/5" x 3.2" x 1.5"	
Weight	15 oz (with battery)	



Features

- Wide range of media compatibility
- Accuracy of .1%
- Built-in 24 VDC supply for powering 2-wire transmitters
- Measures both pressure and current
- Compact portable design
- Large, .5" display
- Excellent price/performance ratio
- Easy user access to cal. pot.
- Optional NIST certification



Kit Includes

- Calibrator
- Pump
- AC adapter
- Fittings & tools
- Case

ORDERING INFORMATION

Catalog No.	Model	Description	Price
ML342101	MECP-440	Calibrator	
ML342102	MECP-440K	Calibrator Kit	
ML342103	1001-9V	Adapter	
ML342104	MECP-75	Pump	
NISTPR31	—	NIST Traceable Certificate	
NISTPR32	—	NIST Traceable Certificate with Data	