



## CAL Tool 32

### Pressure Calibrator/Manometer

The BETA Calibrators CALTool line is designed to give the technician laboratory-grade accuracy in a family of rugged, easy-to-use instruments.

The CALTool 32 Pressure Calibrator is available in several ranges — 200" H<sub>2</sub>O, and 30, 100, 300, and 3,000 PSI. Operation of these calibrators is made easy through the use of a sealed membrane keypad with simple controls. When combined with a MECP-100 Hand Pump, the CALTool 32 Kit makes a great package to handle your pneumatic calibration requirements.



#### Features:

- High accuracy gauge or differential capability
- Rugged, dust tight, water-resistant case
- Isolated SS sensors on 300 PSI and 3,000 PSI units
- Easy to read Super-Twist LCD
- Intuitive controls make operation easy, even for infrequent users
- Powered by a common 9 Volt alkaline battery
- Supplied in full rubber boot

## Specifications (1 year at 23 °C ±5 °C; % of reading unless otherwise noted)

<b>Ranges</b>	-14.00 to 30.00 PSIG/PSID -14.00 to 100.0 PSIG/PSID -14.00 to 300.0 PSIG -14.00 to 3000 PSIG ±200" H <sub>2</sub> O
<b>Accuracy</b>	18 °C to 28 °C ±200" H <sub>2</sub> O 30 PSI 100 PSI and 300 PSI 3,000 PSI
<b>Resolution</b>	±200" H <sub>2</sub> O 30 PSI 100 PSI and 300 PSI 3,000 PSI
<b>Engineering Units</b>	PSI, inH <sub>2</sub> O, cmH <sub>2</sub> O, mmH <sub>2</sub> O, mH <sub>2</sub> O, FtH <sub>2</sub> O, mBAR, BAR, inHg, mmHg, cmHg, kPa, kg/cm <sup>2</sup> , TORR, ATM
<b>Temperature Stability</b>	±0.01% FS/°C; 0 °C to 18 °C, and 28 °C to 50 °C
<b>Maximum Overpressure</b>	2x
<b>Ports</b>	Two 1/8" FNPT
<b>Media</b>	30/100 PSI, 200" H <sub>2</sub> O 300/3,000 PSI
<b>Environmental</b>	Operating temperature Storage temperature
<b>Mechanical</b>	Dimensions, without boot Weight
<b>Power Requirements</b>	1, 9 Volt alkaline battery
<b>Ordering Information</b>	Pressure Calibrator/Manometer ..... CALTool 32 Pressure Kit ..... CALTool 32K (Kit contains CALTool 32 Calibrator, MECP-100 Hand Pump (-12 to +100 PSI) fittings and connectors, rugged carrying case, test leads, 9V battery, and NIST traceable certificate.)



MECP-100 Hand Pump  
(shown with optional in-line filter)

## MECP-100 Hand Pump

The MECP-100 Hand Pump is a simple to use pressure and vacuum source for calibrating process control instrumentation. An optional in-line filter is available for applications where contaminants may enter the pump.