

RUGGED HANDHELD PRESSURE CALIBRATORS

±200 inH₂O to 3000 psi MODELS



PCL240 Series

Product Discontinued

- ✓ High Accuracy Gage or Differential Capability
- ✓ Rugged, Dust-Tight, Water-Resistant Case
- ✓ Isolated SS Sensors on 300/3000 psi Units
- ✓ Easy-to-Read Super-Twist LCD
- ✓ Intuitive Controls Make Operation Easy, Even for Infrequent Users

The OMEGA® PCL240 Series pressure calibrators are a rugged line of single function calibrators designed with the technician in mind. The PCL240 is available in five ranges from ±200 inH₂O to 3000 psi. Units are also available as part of a complete kit which includes a pump and hard plastic carrying case.

Operation of these calibrators is made simple through the use of a sealed membrane keypad, which features easy-to-understand controls and large, easy-to-use, pushbuttons. Pressure units can be purchased separately or as a calibration kit, which includes a hand pump, tubing and fittings, and a rugged carrying case.

PCL240-100, shown smaller than actual size.



SPECIFICATIONS

Engineering Units: psi, inH₂O, cmH₂O, mH₂O, FtH₂O, mbar, bar, inHg, mmHg, cmHg, kPa, kg/cm², TORR, ATM

Temperature Stability:
±0.01% FS/°C; 0 to 18 and 28 to 50°C (32 to 64 and 82 to 122°F)

Maximum Overpressure:

- Ranges >100 psi: 2x
- Ranges <30 psi: 3x

Pressure Ports: Two 1/8 NPT
Media:

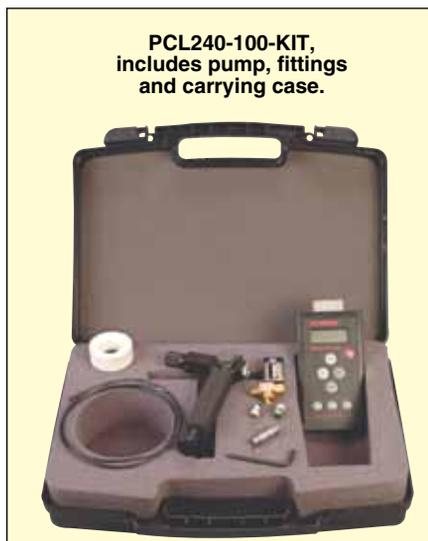
- 30/100 psi, 200 inH₂O Units:**
Non-corrosive gas or liquids
- 300/3000 psi Units:** All media

Operating Temperature:
0 to 50°C (32 to 122°F)

Power: One 9V battery (included)

Dimensions:
145 H x 80 W x 36 mm D
(5.7 x 3.5 x 1.43")

Weight: 396 g (14 oz)



To Order		
MODEL NO.	RANGE	ACCURACY
PRESSURE CALIBRATORS		
PCL240-200WC	±200 inH ₂ O	±0.05% FS
PCL240-30	-14 to 30 psig/psid	±0.05% FS
PCL240-100	-14 to 100 psig/psid	±0.05% FS
PCL240-300	-14 to 300 psig/psid	±0.05% rdg + 2d
PCL240-3000	-14 to 3000 psig/psid	±0.05% rdg + 2d
CALIBRATION KITS WITH PUMP AND CASE		
PCL240-200WC-KIT	±200 inH ₂ O	±0.05% FS
PCL240-30-KIT	-14 to 30 psig/psid	±0.05% FS
PCL240-100-KIT	-14 to 100 psig/psid	±0.05% FS
PCL240-300-KIT	-14 to 300 psig/psid	±0.05% rdg + 2d
PCL240-3000-KIT	-14 to 3000 psig/psid	±0.05% rdg + 2d

Comes complete with 9V battery, calibration certificate and operator's manual. Kits also include hand pump, tubing and fittings, and rugged carrying case.

Ordering Examples: PCL240-100, 100 psi range pressure calibrator.

PCL-240-100-KIT, 100 psi pressure calibration kit with pump and carrying case.

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PRESSURE INSTRUMENTS