

# WET/WET HIGH ACCURACY PRESSURE CALIBRATORS WITH BUILT-IN RS-232 COMMUNICATIONS

## DISCONTINUED

PCL31  
\$1095

Compact,  
Easy-to-Use!

PCL33, \$1795, dual range model, shown smaller than actual size.

Electrical  
Test Leads  
Included!



- ✓ NIST Traceable Certificate Included
- ✓ Compatible with Most Liquids
- ✓ Small Size
- ✓ High Accuracy 0.05% of Reading
- ✓ No Temperature Effect from 0 to 50°C (32 to 122°F)
- ✓ Eight Unit Scales to Choose from
- ✓ 9 V Battery Powered Included (60 hr typ)

DISCONTINUED

- ✓ High Contrast LCD Display
- ✓ Low Pressure: Scroll and Select From 7 Scales
- ✓ High Pressure: Scroll and Select From 3 Scales
- ✓ RS232 Port
- ✓ Zero/Tare: Both Ranges
- ✓ mA/%: Scroll Between: Direct mA readings 0 to 100% of 4 to 20 mA 0 to 100% of 10 to 50 mA

### SPECIFICATIONS

#### Pressure

**Accuracy (1 year):** Includes all effects of linearity, hysteresis, repeatability and temperature

**Port 1:**  
±[0.05% rdg + 0.005% FS (36 psi)]

Vacuum: ±[0.25% rdg + 0.025% FS (-14.7 psi)]

Scale	Resolution
inH <sub>2</sub> O	0.01
psi	0.001
kPa	0.01
mmH <sub>2</sub> O	1
mmHg	0.01
inHg	0.001
kg/cm <sup>2</sup>	0.0001
mbar	0.1

**Port 2:**  
±[0.05% rdg + 0.005% FS (3000 psi)]

Scale	Resolution
psi	0.1
Bar	0.01
kPa	1

**Agency Approvals (Pending):**  
Factory Mutual Intrinsically Safe IS/1/1/ABCD, IS/1/1/EG



#### Electrical

**Range:** 0 to 55 mA

**Resolution:** 0.001 mA

**Accuracy:** ±(0.025% rdg + 0.001 mA)

**Percent Conversion:**  
4 mA = 0.00%, 20 mA = 100.00%

10 mA = 0.00%, 50 mA = 100.00%

#### Temperature

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

**Compensated:** 0 to 50°C (32 to 122°F)

**Storage:** -20 to 70°C (-4 to 158°F)

**RS232 Comm:** All models

#### Physical

##### Media Compatibility:

Liquids and gasses compatible with PFA penetrated-hard anodized aluminum, 316 stainless steel and FKM

**Power:** 9 V alkaline included (low bat indication) standard 60 hr typical life without RS-232 40 hr typical life using RS-232

**Pressure Connection:** 1/8 NPTF

**RS232 Connection:** 9-position PC card I/O receptacle; mating connector P/N 621370-1

**Dimensions:** 130 H x 70 W x 29 mm D (5.1 H x 2.8 W x 1.1" D)

**Case:** Extruded aluminum

**Weight:** 385 g (13.5 oz)

**MOST POPULAR MODELS HIGHLIGHTED!**

### To Order (Specify Model Number)

MODEL NO.	PRICE	INPUT RANGES	MAX PRESSURE
PCL31	\$1095	Vacuum to 36 psi	100 psi
PCL31H	1195	0 to 3000 psi	4500 psi
PCL33	1795	Port 1: Vacuum to 36 psi Port 2: 0 to 3,000 psi	100 psi 4,500 psi

Comes with NIST traceable calibration certificate, 9 V alkaline battery, soft carrying case, test leads and complete operator's manual.

**Ordering Example:** PCL33 is a dual range (vacuum to 36 psi and 0 to 3,000 psi) calibrator, \$1795.

# DISCONTINUED



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### • Pressure, Strain and Force

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