

Pressure Meter PCE-932



PCE-932 is an easy-to-use, digital, handheld device for high pressure measurement in hydraulic and compressor systems, pumps, tanks and silos in chemical, manufacturing, plastics and HVAC industries. This portable pressure measuring device can be connected to pressure sensors with ranges up to 400 bar (each with a 1.2 m connecting cable).

Please note: Pressure sensors are sold separately. See also for recommendations.

Measurement values are stored in a Microsoft Excel-compatible format to the included SD card memory. PCE-932 comes calibrated from the factory, but an ISO calibration certificate may be obtained for an additional fee. See also for ISO calibration details.

- ▶ Measuring range: 0 to 400 bar, depending on sensor
- ▶ Measures system pressure in all media (e.g., gasses, liquids, etc.)
- ▶ Offers min, max and hold functionality
- ▶ Recalibration not required when changing sensors
- ▶ Choose from 8 different measuring units
- ▶ Accommodates SD cards up to 16 GB
- ▶ Features power-saving auto shut-off (can be disabled), a low battery indicator and an adjustable measurement rate
- ▶ Provides high accuracy and quality at an affordable price
- ▶ Contains an RS-232 interface for real-time data transfer to PC (requires optional software - see also)
- ▶ Ideal for research and development applications as well as testing and optimizing processes

(Sensors sold separately. See also for recommendations.)

Specifications

Measurement range	0 to 400 bar (depending on the sensor)
Selectable units	bar, psi, kg/cm ² , mm/Hg, inch/Hg, meter/H ₂ O, inch/H ₂ O, atmosphere
Pressure connector	Optional, 5V DC, maximum output of sensor is 100 mV DC (see also for ranges)
Zero reset	By way of keypad
Auto shut-off	Yes (this function can be disabled)
Functions	Measurement of pressure, min, max and hold
Auto shut-off	To conserve battery power (can be disabled)
Rate of measurement	Approx. every 0.8 seconds
LCD display	Approx. 52 x 38 mm / 2.05 x 1.50 in
Memory	SD card up to 16 GB
Enclosure	ABS plastic
Software	Optional (required only for real-time data transfer - see also)
Power supply	6 x 1.5V AA batteries AC power cable (optional - see also)
Dimensions	Approx. 177 x 68 x 45 mm / 6.97 x 2.68 x 1.77 in
Weight	Approx. 350 g / < 1 lb
Operating temperature	0 to 50°C / 32 to 122°F
Operating humidity	0 to 80% rh

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