



- Range: -0,8 to 1200 bar
- Accuracy to ± 0.03 % FS
- Programmable engineering units
- EEx/IS approval for hazardous area
- Portable - light weight
- Well suited for industrial, offshore and marine applications



PM105 /110L /110H Pressure Calibrator

PM105 - is a self-contained portable pressure meter for commissioning, service, calibration and maintenance. The unit is light weight and ergonomically designed for field applications. PM105 is supplied with integral pressure sensor, signal-conditioning electronics, graphic display and internal battery. The PM105 can be supplied in ranges up to 1200 bar.

PM110L - for low pressure calibration

Using PM105 together with a small hand pump we offer you a complete, portable, one-hand operated pressure calibrator named PM110L. The hand pump mounted directly on the pressure inlet of PM105 makes it possible to generate pressures from -0,8 to 40/60 Bar (G) using dry air as pressure medium. PM110L is supplied in a case with a complete kit of test hose and fittings.

PM110H - for high pressure calibration

Using PM105 together with a hydraulic pump we offer you a unique handheld high pressure calibrator named PM110H. Originally designed for use on North sea platforms, the PM110H is extremely rugged and is made for field use. Using oil or water as a pressure medium, the PM110H generates pressures up to 700 Bar (G) with accuracy of 0,03% FS. PM110H is supplied ready to use in a carrying case complete with test hose and fittings.



Technical Information

PMI05, PMI10L, PMI10H

Pressure ranges	PMI05: -0,8 to 1200 Bar PMI10LP40: -0,8 to 40 Bar PMI10LP60: -0,95 to 60 Bar PMI10HH: 0 to 700 bar
Accuracy	± 0,03% FS. (10-40°C), temperature effects: 0,001% of reading/°C
Operating temperature (ambient)	0 to +50°C
Process temperature	-20 to +80°C
Pressure overload	FS x 1,5
Wetted parts	Hastelloy C-22
Housing	Anodised aluminium
Pressure media	PMI10L: All liquids/gas compatible with wetted parts alloy PMI10H: Oil or distillate water
Operating time on batteries	Approximately 35 hours
Functions	Programmable: Engineering Units, Filter: Min/Max/Tare, History Log, Battery Indicator, Leak Test, Selectable Language (optional).
Engineering units	Bar, kPa, Mpa, atm, psi(lb/in ²), at(kgf/cm ²), torr, mHg at 0°C, inHg at 32°F, cmH ₂ O at 4°C, mH ₂ O at 4°C, inH ₂ O at 39,2°F
Overall dimensions	92 x 105 x 33 mm (w-h-d)
Weight	PMI05: 650 g PMI10L: 1,4 kg PMI10H: 3,6 kg
EEx / IS certification	EEx ia IIC T4 , NEMKO 02ATEX 1374X
ATEX production notification	NEMKO 02ATEX445Q ATEX according to directive 94/9/EC

Note: Due to continuous product improvements, published specifications may change without notice.

Scan-Sense AS is a Norwegian company specializing in design and manufacturing of high quality sensors/instrumentation and related software for measurement of temperature, pressure, load and force.

Scan-Sense AS supplies portable temperature calibrators from -40°C to 1200°C and a range of EEx/IS approved portable pressure calibrators from vacuum to 700 bar.

Distributed by:

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