

DIGITAL PRESSURE CALIBRATORS

Vacuum to 1000 bar

HANDHELD PRESSURE PUMPS

A range of handheld pressure pumps for the calibration instruments. The pumps are durable and suited for the demanding environments on board ships and in the offshore/Industrial fields. All pumps are available in a kit configuration with case and all necessary fittings, hose and adaptors.



Pressure pump hydraulic, 0 to 700 bar, IN3PPM70150

- Hydraulic (water or oil)
- Generate pressure to 700 bar
- Integral fine control and pressure release valve
- Lightweight, handheld, easy to use



Pressure Pump hydraulic, 0-1000 bar, IN3PPM10250

- Hydraulic (operated with oil)
- Pressure generation up to 1000 bar
- Test hose included
- Portable
- Simple & easy operation



Pressure pump, Pneumatic -0,95 to 60 bar, IN3PPM60050

- Dual source of pneumatic pressure and vacuum
- Generate vacuum to 95%
- Generate pressure to 60 bar
- Integrated test hose
- Integral fine control and pressure release valve
- Lightweight, handheld, easy to use



Handheld pump, -0,95 to 60 bar, DRPV411

- Multi-function "4 In 1" hand pump
- Pneumatic pressures to 60 bar
- Generates vacuum to 95%
- Vacuum priming for hydraulic systems
- Excellent low pressure control
- Adjustable overpressure protection



Hydraulic reservoir 700 bar, DRPV411-115 - for DRPV411 DRPV411-115

- Reservoir for multi-function "4 In 1" hand pump
- Hydraulic pressures to 700 bar



PM205 - digital pressure gauge

- Accuracy < 0.1 % FS, selectable bar/psi read out 1000 hours continuous operation, auto power off Portable unit well suited for calibration on site
- Protection class: IP65
- Type approved by DNV
- for use onboard ships
- Designed for marine applications to comply with ISM Code regulations

PM205 - digital pressure gauge

The PM205 is a microprocessor-controlled digital pressure gauge supplied with a calibration certificate. Designed for accurate and versatile pressure measurement and calibration, it features fast peak, maximum and minimum functions.

Suitable for marine, offshore and industrial applications, the PM205 operates in two modes:

MANO Mode: Pressure is measured twice per second. The upper display shows the current pressure, while the lower display shows the maximum or minimum value recorded since the last reset.

PEAK Mode: Pressure is measured 5,000 times per second and updated on the display twice per second.

A ZERO function allows any value to be set as a new zero reference, compensating for variations in barometric pressure.



Technical specifications

Range	Resolution	Overpressure
-1 to 3 bar	1mbar	10bar
-1 to 30 bar	10 mbar	60bar
-1 to 60 bar	10 mbar	120bar
0 to 300 bar	100 mbar	400bar
0 to 700 bar	200 mbar	700bar
0 to 1000 bar	200 mbar	1000ba



Accuracy RT (room temperature)	< 0.1 %FS
Total Error Band (0 to 50 °C)	< 0.2 % FS
Storage-/ Operating Temperature	-20 to 70°C / 0 to 50°C
Compensated Temperature Range	0 to 50°C
Power supply	3.0V type CR2430
Auto power off	15 min.
Standard process coupling	¼" BSP MALE, Swivel
Dimensions (h x d Ø)	118 mm x 42 mm Ø76 mm (w)
Weight	0.21 kg
Display	LCD
Selectable read out	bar, mbar/hPa, kPa, MPa, PSI, kp/cm2
Peak function	Max. or Min.
Zero function	Yes
Readings per second	5000 (PEAK mode)
Protection class (CEI 529)	IP65

Specifications are subject to change without notice.

