P10 Series

Digital Pressure Test Gauge

Data Sheet



Features

- Pressure Range : from –1 trough 1000 bar
- Accuracy : ±0.1 % FS
- 6 selectable Pressure Units
- Min/Max/Tare function
- Back light display
- Bar graph
- Combine with our PGS40 and PGS60 Pressure Pump

Overview

The P10 digital test gauge is a rugged, easy-to-use pressure gauge calibrator available in many ranges from -1 to 1000 bar with an accuracy of 0.1% of the full scale.
It is a very cost effective solution and replacement to the traditional analogue gauges in application such compressor testing, safety valves or coffee machines and marine testing.
The P10 digital test gauge is suitable for use with our range of PGS hand pumps to offer a cost effective solution pressure calibrator. It also offers many additional features such as back light display, max/min/zero functions and an easy to read bar graph.

Pressure Test KITs

The P10 can be used in conjunction with our PGS range of hand pump to become a power yet cost effective pressure calibration system from –1 to 1000 bar. All our hand pumps are supplied with case, set of BSP or NPT test points adapters and customised foam to take all the accessories and the digital test gauge.



PGS40 Hand Pump



PGS60 Hand Pump



PGS1000 Hand Pump

Specifications

Model (ordering code)	Range	Resolution	Burst Pressure
P10-25G	-1 to 25 Bar	0.01 bar	25 bar
P10-40G	-1 to 40 Bar	0.01 bar	40 bar
P10-60G	-1 to 60 bar	0.01 bar	60 bar
P10-350G	0 to 350 bar	0.1 bar	350 bar
P10-700G	0 to 700 bar	0.1 bar	700 bar
Accuracy :	± 0.1 % FS		
Temperature Compensation Range:	0-50 °C		
Pressure Units	Bar, mbar, PSI, kPa, MPa		
Temperature effect	0.035 % FS/°C		
Pressure Port	1/2 " BSP M (G12)		
Wetted Part	St.St 1.4548		
Media	Air and non corrosive fluid compatible with St ST 1.4548		
Display	Backlight 4 digit LCD with bar graph 0-100 %		
Function	Min/Max/Tare/Zero		
Enclosure	ABS		
Weight	Approximal 400 g including rubber sleeve		
Case diameter	90-95 mm including rubber sleeve		
Power Supply	2 x 1.5 VDC LR6-AA batteries		
Max Battery life	1500 hours		
Operating Temperature	-10 to 50°C		
Storage Temperature	-20 to 60°C		
Relative Humidity	85 %		
Warranty	1 year		
Scope of supply	P10 digital gauge, rubber sleeve, battery and calibration certificate		

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