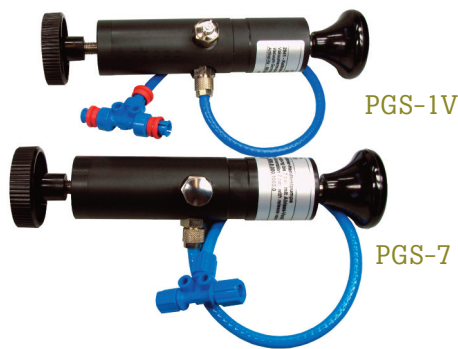


PGS-7 & PGS-1V

Low-Pressure Calibration Test Pumps

Data Sheet



Features

- PGS1V Pressure Range from 0 to -900 mbar (28 inHg)
- PGS7 Pressure Range from 0 to 7 bar (100 psi)
- 0.05 mbar sensitivity
- Integrated long course volume adjuster
- Bleed/relief Valve
- Dual port pressure output

Description

The PGS1V and PGS7 Calibration hand pump have been designed for generating vacuum or low pressure with an high degree of sensitivity and they are particular suitable for applying precise and stable low pressure values to differential pressure transmitters or pressure gauges.

The long course volume control allow to increase and decrease pressure with-out loosing any volume. It also allow to adjust pressure with-in 0.05 mbar resolution.

The PGS1V and PGS7 are supplied with the "T" piece dual hose connector which allow dual pressure output for both the UUT (Unit under Test) and the reference instrument. The size of the the "T" pcs is suitable for the 4x6 mm pressure hose which is the industry standard size.

Technical Specifications

Calibration Hand Pump	PGS 7-OEM	PGS 1V-OEM
Operating pressure range:(1)	0 to 7bar(100 psi)	0 to -0.9 bar/28in hg
Pressure media:	air	
Fine adjustment resolution:	0.05 mbar	
Pressure Connection	T piece suitable for 4 x6 mm hose and 300 mm hose supplied	
Weight:	400g	
Dimension	200 mm (L) X 35 mm diameter	
Volume adjuster	approx 20 cm3	
Volume	approx 20 cm3	
Included with delivery	Pump, 300 mm hose, T peace and operating manual, carton box	
Ordering Code:	PGS7-OEM	PGS1V-OEM

(1)Specification based on minimum volume

Ordering Information

Model	Description
PGS1V-OEM	Calibration Hand Pump. Range: 0 to Vacuum (-900 mbar)
PGS7-OEM	Calibration Hand Pump. Range: 0 to 7 bar (100 psi)
Accessorie	
PGS7-CASE-01	Transit case with space for two pumps and reference instrument
PGS7-A-G14	1/4" BSP F adapter
PGS7-A-G18	1/8" BSP F adapter
PGS7-A-N14	1/4" NPT F adapter
PGS7-A-N18	1/8" NPT F adapter
PGS7-HKIT	PVC hose, 4x6 mm, 1 meter length, special low expansion