

PGS-10

Handheld low pressure test pump



- **Generate pressure to 10 bar**
- **Vacuum to -0,850 mbar**
- **Minimal maintenance**
- **Increase and decrease pressure smoothly**
- **Precision valve for bleed control**

OVERVIEW

The PGS10 is a very low-pressure pneumatic hand pump designed to generate both vacuum to -0.850 mbar and pressure up to 10 bar/145 psi. The PGS10 has two pressure ports with quick fit connectors for the reference pressure indicator and the unit under test. The PGS10 is light, compact and very easy to use. The special and very sensitive vernier control allow for precise pressure setting with in 0.01 mbar. The PGS10 low-pressure pneumatic hand pump is particularly suited for calibration of very low pressure devices such differential pressure meters.

FEATURES

- **Portable**
Only 0,697 kg
- **Adjustment Resolution**
1 Pa (0.01 mbar)
High-quality knob for fine pressure adjustment
- **Vacuum**
Generate vacuum to -0,850 mbar
- **Pneumatic pressure**
Generate pressure to 10 bar
- **Easy to use**
Integrated fine adjustment
Controlled pressure relief
Allows easy connecting and disconnecting to the test pump without the need for PTFE tape or wrenches
- **Extended kit solutions**
Select a kit with adapters and referene gauge

SPECIFICATIONS

- **Pressure Range:** 0 to 10 bar/145 psi
- **Vacuum Range:** 0 to -0.850 mbar/-12.5 psi
- **Medium:** Air
- **Dimension:** 172 x 100 x 58 mm (without connection pieces and hoses)
- **Weight:** approximately 697 grams
- **Process Connections:** T-piece to be mounted to the pump, with 1 x hose 0.5 m with pluggable port 1/2" BSP female for reference instrument and 1 x hose 0.5 m with pluggable port 1/4" BSP female for test item
- **Pressure fine adjustment:** Pressure adjustment valve (very sensitive volume variator)
- **Volume per stroke:** approx. 0.038 cm³

ORDERING INFORMATION

Ordering Code	PGS 10
Options	
PGS-A-BSP	Stainless Steel Test Point adapter set G ¹ / ₈ , G ¹ / ₄ , G ³ / ₈ , G ¹ / ₂ , Female
PGS-A-NPT	Stainless Steel Test Point adapter set 1/8" NPT, 1/4" NPT, 1/2" NPT, 3/8" NPT Female
PGS-A-M	Stainless Steel Test Point adapter set M12 x 1.5, M20 x 1.5
PGS-A-G14A-G14A	Stainless Steel Adapter 1/4" BSP M to 1/4" BSP M
PGS-A-G14A=G18A	Stainless Steel Adapter 1/4" BSP M to 1/8" BSP M
PGS40-TC	Transit case with space for pump and accessories



ADT685



PGS10 Kit