

Calibration Test Pump P 30, pneumatic operated to generate pressure up to +40 bar / +580 PSI switchable to generate vacuum up to -0.95 bar / -28 inHg

The Calibration Test Pump **P 30** is used to generate pressures and vacuum for checking, adjusting and calibrating mechanical and electronic pressure measuring instruments by comparative measurements. These pressure tests may be carried out in laboratories, workshop or on site at the measuring point. If the instrument under test and a sufficiently accurate reference measuring instrument are connected to the **P 30**, the same pressure / vacuum is applied to the two instruments when the pump is operated.



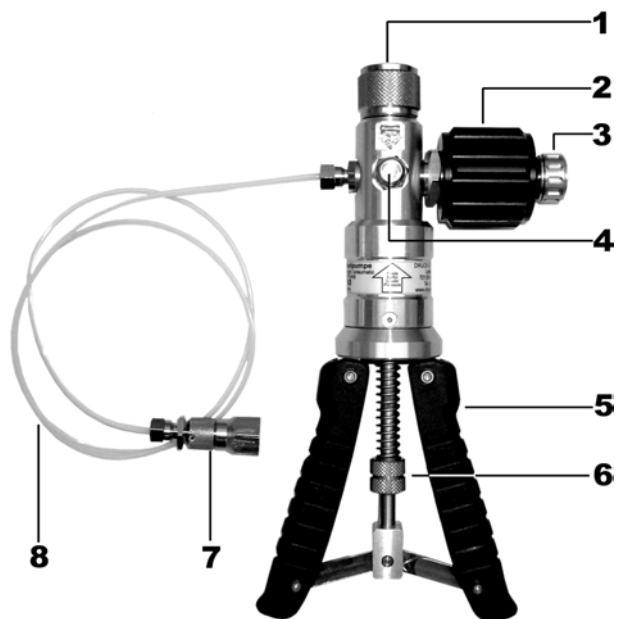
Despite its compact dimensions, the calibration test pump **P 30** is easy to operate and allows for exact generation of the required test pressures. A change-over switch enables the generation of vacuum as well. The **P 30** is fitted with a fine adjustment valve for the precise adjustment of pressures. The reference instrument is screwed directly on to the top of the pump and the unit under test is connected by means of a connection tube incorporating an adapter 1/4" BSP rotating female (or 1/4" NPT female) port.

Specification:

Pressure generation:	0...40 bar = 0...580 PSI (or equivalent), switchable to
Vacuum generation:	0...-0.95 bar = 0...-28 inHG (or equivalent)
Pressure ports:	1/2" BSP female rotating (with seal) for reference instrument on the top of the pump 1/4" BSP female for unit under test (at connection tube)
Volume per stroke:	appr. 11 cm ³
Materials:	anodized aluminum, brass, ABS
Fine adjustment:	Fine adjustment valve
Dimension:	appr. 220 x 105 x 63 mm
Weight:	appr. 510 g

Included in standard supply:

- Calibration test pump **P 30**
- Connection tube with 1/4" BSP female rotating port
- Operating manual



- (1) pressure port 1/2" BSP female rotating for reference
- (2) fine adjustment valve
- (3) pressure/vacuum relief valve
- (4) change-over switch for pressure/vacuum generation
- (5) handles
- (6) adjustable knurled nut for adjustment of delivery rate
- (7) pressure port 1/4" BSP female rotating for unit under test
- (8) test tube