

Pressure Sources

Pressure sources are designed for generation of gage and vacuum pressure in a reference and a verified/calibrated pressure measuring instruments. A Pressure Source is a part of a Pressure Calibrator.

PRESSURE SETTING RANGES

Table 1

kPa				MPa		
-90	-63	0	250	2.5	6	25
P-25						
N-2.5M						
P-0.25M						
P-0.25						

Table 2

Photo	Pressure Setting Range, MPa	Overall Dimensions, mm	Weight, kg, max	Accessories
Pneumatic Hand Pump. P-0.25* Model				
Housing: stainless steel. Valve of fine tuning and smooth pressure releasing. Drive kinematics: piston-like. Gage and vacuum pressure generation. Smooth low pressure setting.				
	minus 0.063 to 0.25	245x90x125	1.75	Air hose with M10x1 connecting nut. Reducing sleeves: M10/M10, M10/M16, M10/M20 (M16 and M20: female thread, M10: male thread). Gasket set.
Pneumatic Hand Pump. N-2.5M Model				
Housing: aluminium. Valve of fine adjustment and smooth pressure release. Drive kinematics: lever and screw-like. Gage and vacuum pressure generation. Two pressure output lines. Smooth low pressure setting.				
	0 to 2.5	100x180x85	0.45	Air hose with M10x1 connecting nut. Reducing sleeves: M10/M10, M10/M16, M10/M20 (M16 and M20: female thread, M10: male thread). Gasket set.
Hydraulic Press. P-25 Model				
Operating fluid: oil, water. Material of pressure setting system: stainless steel. Drive kinematics: screw-like. Fine tuning valve. Fluid tank volume: 200 cm ³ . Two pressure output lines. High pressure generation at low force.				
	0-25	260x180x115	4.5	Coupling hose with M20x1.5 nut. Reducing sleeve: M20/M12 (female thread). Gasket.

* IV quarter 2006: first manufacture of P-0.25M pneumatic hand pump with pressure setting range of minus 0.09 to 0.25 MPa.

Note: Additional reducing sleeves are available for every pressure source (refer to Section "Accessories").