

Hand-pumps for pressure generation suitable for use with digital manometers

- Simple, portable pressure generation
- Pressure generation: from vacuum (negative pressure) up to 700 bar
- Connection for reference pressure meter (pump is supplied without reference pressure meter)

Hand-pump K/P Pressure generation: -0,85...25/-0,95...40 bar Medium: Air

Negative pressures/vacuums and pressures of up to 25 bar (max. 40 bar) can be generated with this pneumatic hand-pump. Thanks to the fine adjustment valve (which is integrated in the pump) and the relief valve, a calibration pressure can be set accurately and quickly. This handpump is therefore highly suitable for testing manometers and pressure transmitters. The pump is supplied without the carrying case, which is available as an option.
Weight: ≈1,1 kg Dimensions: 240 mm x 170 mm x 50 mm

Hand-pump K/P pneumatic



Hand-pump HTP1 Pressure generation: 0...700 bar Medium: Oil or Water

Pressures of up to 700 bar can be generated with this hydraulic hand-pump. Hydraulic oil or distilled water can be used as pressure medium (the pump is supplied without fluid). The reservoir has a capacity of approx. 1 dl (100 ccm), thus allowing the pump to be used with larger dead volumes. The hand-pump with its integrated fine adjustment and relief valve is highly suitable for testing manometers and pressure transmitters. The pump is supplied complete with accessories (hose, adaptor, etc.) in a stable carrying case.
Weight: ≈1,7 kg Dimensions: 255 mm x 176 mm x 70 mm

Hand-pump HTP1 hydraulic



The reference device for accurate measurement of the actual pressure is screwed directly onto the hand-pump and is available as an option. The matching reference devices for the pumps are listed below. Please note the pressure range required for the pump:
K/P hand-pump = -1...30 bar HTP1 hand-pump = 0...700 bar

Carrying Case

Solid carrying case with interior foam cutout to fit one pump with manometer attached. Additional compartments for tools, adapters etc. are provided.

For pump K/P: Weight: ≈900 g Dimensions: 400 mm x 365 mm x 110 mm (optional)
For pump HTP1: Weight: ≈1,1 kg Dimensions: 370 mm x 330 mm x 130 mm (inclusive)

* Matching reference devices for use with the K/P or HTP1 hand-pump (available as options)

MODELS	ACCURACY	MEASURING RANGE
LEX1	0,05% FS	up to 1000 bar
LEO1	0,2% FS	up to 1000 bar
LEO2	0,1% FS	up to 700 bar
DV-2	0,1...0,5% FS	up to 700 bar
MP	0,25% FS	up to 1000 bar

Carrying Case



LEX1



LEO1



LEO2



DV-2



MP