

LPP - 60

CALIBRATION HAND PUMP -0.95 / +60 bar



The **LPP 60** hand-held calibration test pump is used for pressure generation for the verification, adjustment and calibration of mechanical and electronic pressure measuring instruments by comparative measurement. These pressure tests can be carried out on the move, on site at the measuring point, or stationary in the laboratory or workshop.

If the measuring device to be tested and a sufficiently accurate reference measuring device are connected to the **LPP 60** hand-held calibration test pump, the same pressure acts on both measuring instruments when the pump is actuated. By comparing the two measured values at any pressure values, the accuracy or adjustment of the pressure gauge to be tested can be checked.

Despite its very compact dimensions, the **LPP 60** manual test pump enables simple and precise test pressure generation with the option of switching to vacuum generation. For precise adjustment for precise comparison testing, the **LPP 60** has a fine adjustment valve. The reference measuring device is screwed directly onto the top of the pump and the test specimen is connected via the connection hose with free-running G 1/4" female thread included in the scope of delivery, if necessary using suitable thread adapters (see accessories).

*pressure gauge is an optional accessory not included in standard supply

APPLICATIONS:

- Hand-held calibration test pump LPP 60 with reference device connection G 1/2" inside (free-running) on top of the pump and with DUT connection G 1/4" inside (free-running) on the DUT connection hose
- Test specimen connection hose, length 0.5 m
- Operating instructions

MAIN CHARACTERISTICS:

- Pneumatic
- Test pressure generation up to 60 bar (870 psi)
- Vacuum generation down to -0.95 bar (-28 inHg)
- Portable
- Easy to use
- Lightweight



**TESTING
EXPERTISE**

LPP - 60

CALIBRATION HAND PUMP -0.95 / +60 bar

LPP 60 Pressure Test Pump, the same pressure / vacuum is applied to the two instruments when the pump is operated.

Despite to its compact dimensions, the Pressure Test Pump **LPP 60** 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. **LPP 60** 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 port (Optional: 1/4" NPT female).

Specification:

Range pressure: 0/60 bar, 0/870 psi, switchable to making vacuum: 0/-0,95 bar, 0/-28 inHg

Pressure ports: 1/2" BSP female (rotating swivel nut with o-ring) for reference instrument on the top of the pump; 1/4" BSP female (rotating swivel nut with o-ring) at test hose 0.5 m for test item

Materials: Anodised aluminium, brass, ABS

Volume per stroke: approx. 11 cm³

Pressure adjustment: Fine adjustment valve (volume variator)

Dimension: approx. 290 x 185 x 65 mm

Weight: approx. 510 g

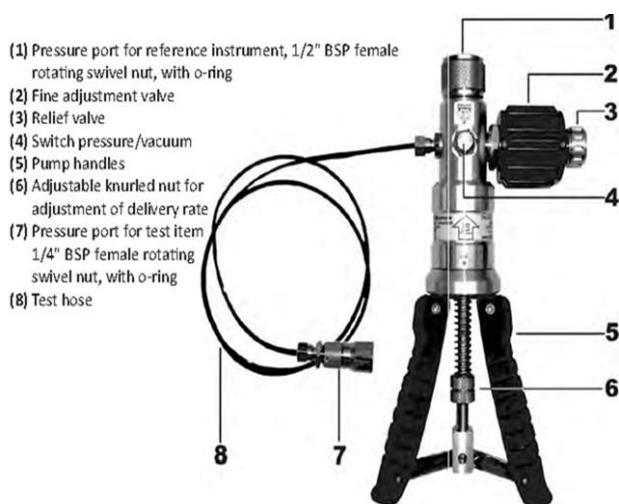
Standard scope of delivery:

- Pressure Test Pump **LPP 60**
- Test hose 0.5 m with 1/4" BSP female port
- Manual

Optional Accessories:

- Several sets of threaded adapters
- Carrying case, dimension 440 x 350 x 125 mm
- Reference pressure instruments or digital pressure gauges.

Control elements LPP60



Order-code

Description

LPP60

VACUUM/PRESSUR HAND PUMP
range -0.95/60 bar, 1/2"connection
and tube with 1/4" BSP F connection

LPP60KOFFER

Carrying case for LPP60 440 X 350 X 125 mm

LPP-ADAPTER-BSP

BSP adapter set and gasket
PN 1000 bar 1/8"BSPF-3/8"BSPF - 1/2" BSPF -1/2" BSPM

LPP-ADAPTER-M

Metric adapter set and gasket
PN 1000 barM12x1,5 - 20x1,5+minimess

LPP-ADAPTER-NPT

NPT adapter set and gasket
PN 1000 bar 1/8"NPTF - 1/4" MPTF -3/8"NPTF - 1/2"NPTF



CERTIFICATION:

All instruments are supplied with final testing, stability and accuracy report traceable to Accredia standards.



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