LPP - 40

CALIBRATION HAND PUMP -0.95 / +40 bar

The **LPP 40** 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 40** 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 40** 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 40** 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).

GIUSSANI

TESTING EXPERTISE

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

LPP - 40

CALIBRATION HAND PUMP -0.95 / +40 bar

LPP 40 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 40** is easy to operate and allows for exact generaon of the required test pressures. A change-over switch enables the generaon of vacuum as well. **LPP 40** is fied 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 unter test is connected by means of a connecon tube incorporang an adapter 1/4" BSP rotang female port (Oponal: 1/4" NPT female).

Specificaon:

Range pressure: 0/40 bar, 0/580 psi, switchable to making vacuum: 0/-0,95 bar, 0/-28 inHg

Pressure ports: 1/2" BSP female (rotang swivel nut with o-ring) for reference instrument on the top of the pump; 1/4" BSP female (rotang 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. 220 x 105 x 63 mm
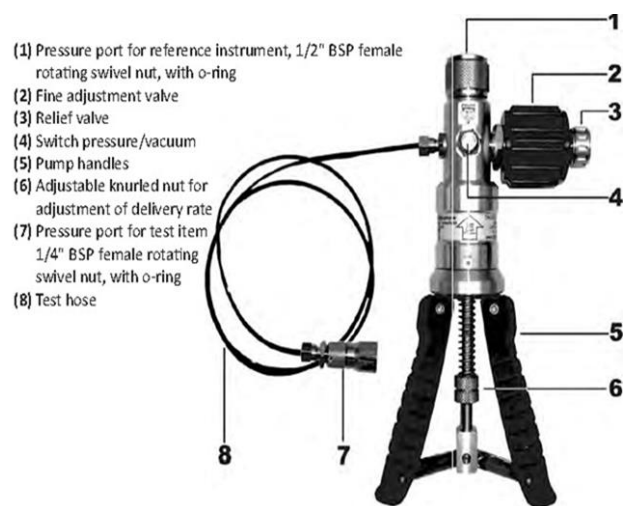
Weight: approx. 510 g

Standard scope of delivery:
- Pressure Test Pump **LPP 40**
- Test hose 0.5 m with 1/4" BSP female port
- Manual

Optional Accessories:
- Several sets of threaded adapters
- Carryng case, dimension 420 x 340 x 125 mm
- Reference pressure instruments or digital pressure gauges.

Control elements LPP40

(1) Pressure port for reference instrument, 1/2" BSP female rotating swivel nut, with o-ring
(2) Fine adjustment valve
(3) Relief valve
(4) Switch pressure/vacuum
(5) Pump handles
(6) Adjustable knurled nut for adjustment of delivery rate
(7) Pressure port for test item 1/4" BSP female rotating swivel nut, with o-ring
(8) Test hose

Order-code	Description
LPP40	VACUUM/PRESSUR HAND PUMP range -0.95/40 bar, 1/2"connection and tube with 1/4" BSP F connection
LPP30KOFFERMFR	Carrying case for LPP40 420 X 340 X 125
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