

## Pressure test pump LR-Cal LPP 60, pneumatic operated to generate pressure up to +60 bar (870 psi), switchable to generate vacuum down to -0.95 bar (-28 inHg)

The Pressure Test Pump LR-Cal LPP 60 is used to generate pressure 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 LR-Cal LPP 60, the same pressure / vacuum is applied to the two instruments when the pump is operated.



Despite its compact dimensions, the pressure test pump LR-Cal 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. The LR-Cal LPP 60 is fitted with a fine adjustment valve for the precise adjustment of pressures. The reference instrument is screwed directly on 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 with integr. sealing gasket. Sets of BSP-, NPT- and metric adapters are available as accessories. See next page.

### Specification:

Pressure generation: 0 to 60 bar = 0 to 870 psi, switchable to

Vacuum generation: 0 to -0.95 bar = 0 to -28 inHg

Pressure ports: 1/2" BSP female, rotating, with integr. sealing gasket, on the top of the pump (standard version)

1/4" BSP female, rotating, with integr. sealing gasket, at the pressure hose (0.5 m) for the test specimen (unit under test)

Materials: aluminium, brass, ABS, NBR

Priming pressure: handles

High pressure: volume variator

Pressure adjustment: volume variator (fine adjustment control with large volume)

Dimension: approx. 290 x 185 x 65 mm

Weight: approx. 960 g

### Included in standard supply:

- Pressure Test Pump LR-Cal LPP 60
- Pressure test hose, length 0.5 m
- Operating manual



### Recommended reference instruments:

±0.025/0.05% FS:	<b>LR-Cal TLDMM-3.0</b> electronic pressure calibrator	datasheet: „TLDMM-3.0“
±0.051/0,1% FS:	<b>LR-Cal LHM</b> handheld pressure calibrator	datasheet: „LHM“
±0.1/0.2% FS:	<b>LR-Cal LDM 80</b> digital test pressure gauge	datasheet: „LDM 80“
±0.125% BFSL:	<b>LR-Cal LDM 70-E25</b> digital test pressure gauge	datasheet: „LDM 70“
±0.25% BFSL:	<b>LR-Cal LDM 70-K50</b> digital test pressure gauge	datasheet: „LDM 70“
±0.25% BFSL:	<b>DM 80</b> digital pressure gauge	datasheet: „DM 80“
±0.25% BFSL:	<b>DM 80-UMS</b> digital pressure gauge with USB	datasheet: „DM 80-UMS“
±0.6% FS:	<b>LR-Cal LPP-MANO-K06</b> analogue reference pressure gauge - see next page	
±1.0% FS:	<b>LR-Cal LPP-MANO</b> analogue reference pressure gauge - see next page	

# LPP 60 Pneumatic pressure test pump

Pressure -0.95...+60 bar (870 psi)



Order-Code:	Description
LPP-60	LR-Cal LPP 60 pressure test pump -0,95...+60 bar Pressure port for reference: 1/2" BSP female rotating, with integr. sealing gasket Pressure port for test specimen: 1/4" BSP female rotating, with integr. sealing gasket
LPP-60-G14	Ditto, but reference pressure port 1/4" BSP female rotating, with integr. sealing gasket
LPP-60-G38l	Ditto, but reference port 3/8" BSP female (without swivel nut)
LPP-VOLUMEN-TOOL	Tool (to be stucked on the volume variator) to simplify the operation of the volume adjustment valve
LPP-60-KOFFER	Transit case with foam insert (with space for LR-Cal LPP 60, sets of adapters and a reference instrument up to DS 100 resp. 90x90 mm)
LPP-ADAPTER-BSP	Set of adapters „BSP“ and sealing gaskets for test specimen: 1/8", 3/8", 1/2" and 1/2" male, stainless steel, with integr. O-rings
LPP-ADAPTER-NPT	Set of adapters „NPT“ for test specimen: 1/8", 1/4", 3/8" and 1/2" NPT, stainless steel
LPP-ADAPTER-M	Set of adapters „Metric“ and sealing gaskets for test specimen: M12x1.5, M20x1.5, stainless steel, with integr. O-rings and system MINIMESS 1 620
LPP-60-WARTUNG LPP-SCHLAUCH-S-0050	Service and maintenance kit (seals, gaskets, etc.) for LR-Cal LPP 60 SPARE PART: pressure test hose with fittings, length 0.5 m
LPP-MANO-K06	Analogue reference pressure gauge DS 100 Accuracy class 0.6, with inspection certificate 3.1 Dial with fine graduation, double scale "bar/psi", 1/2" BSP bottom conn. Available pressure ranges: 0...4 bar/psi, 0...25 bar/psi, 0...40 bar/psi, -1...0 bar/inHg, -1...+39 bar/psi
LPP-MANO	Analogue reference pressure gauge DS 63, accuracy class 1.0 Dial with fine graduation, double scale „bar/psi“, 1/2" BSP bottom conn. Available pressure ranges: 0...2 bar/psi, 0...11 bar/psi, 0...25 bar/psi, 0...40 bar/psi, 0...60 bar/psi, -1...0 bar/inHg, -1...+39 bar/psi



**Note:**

You do not need any threaded adapter to connect reference devices with 1/2" BSP male pressure port to the pressure test pump order-code LPP-60.

**Dimensions:**

