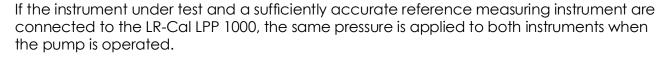
LPP 1000

Rel. 20250924

Pressure Test Pump LR-Cal LPP 1000

- manually operated, for mineral oil or clean destilled water
- pressure source up to 14,500 psi (1,000 bar)
- including high pressure test hose
- suitable for hydraulic liquids on the basis of mineral oil or destilled water

The Pressure Test Pump LR-Cal LPP 1000 is used to generate pressure for checking, adjusting and calibrating mechanical and electronic pressure measuring instruments by comparative measurements. These pressure tests may be carried out in laboratories, workshops or directly on-site at the measuring point.



Despite to its compact dimensions, the Pressure Test Pump LR-Cal LPP 1000 is easy to operate and allows for exact generation of the required test pressures. The LR-Cal LPP 1000 is fitted with a fine adjustment valve for the precise adjustment of pressures. The reference instrument is screwed on 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 (see optional accessories for different suitable adapters if neccessary).

See also:

LR-Cal LPP-KIT - calibration kits including pump, reference unit, adapters, case etc.

Specification:

Pressure generation: manually, 0 to 14,500 psi (0 to 1,000 bar)

Pressure ports: for reference unit: 1/2" BSP female, swivel nut with o-ring on top of the pump

for test unit: 1/4" BSP female connected to a 1 meter test hose

Liquid reservoir: volume >200 cm³ (refillable during pumping process), made out of plexiglas of high quallity, portable, easy handling, all pumps are 100% tested in terms

of function, performance and tightness

Pressure adjustment: fine adjustment valve, pressure relief valve

Draining: drain screw at the bottom of the reservoir (for 4 mm hex wrench)

Dimensions/weight: approx. 270 x 160 x 120 mm, approx. 1.3 kg (without hose)

Standard Scope of Delivery:

- Pressure Test Pump LR-Cal LPP 1000
- connection hose for test unit, 1 meter with 1/4" BSP female thread
- operation manual



LPP 1000 Hydraulic Pressure test pump Pressure up to 1,000 bar (14,500 psi)



Order-Codes:

LPP-1000 LR-Cal LPP 1000 as described overleaf, suitable for mineral oil

or destilled water

LPP-1000-OXY the same, but free of grease and oil, suitable for oxygen

delivery WITHOUT hose for test unit, port for test unit 1/8" BSP

female is fitted at the side of the pump.

This version can be used with destilled water ONLY!

Optional Accesories:

Туре	Description	Order-Code
Case	Transit case for storage and transport, with customized foams, including filling bottle, space for adapter sets and reference unit up to DN 100 / 80x80	LPP-H-KOFFER
Adapter	pipe thread adapter set and spare o-rings for test unit connection: 1/8" BSP F, 3/8" BSP F, 1/2" BSP F, 1/2" BSP M	LPP-ADAPTER-BSP
	NPT adapter set and spare o-rings for test unit connection: 1/8" NPT F, 1/4" NPT F, 3/8" NPT F and 1/2" NPT F	LPP-ADAPTER-NPT
	Metric adapter set and spare o-rings for test unit connection: M12x1,5, M20x1,5 and MINIMESS1620	LPP-ADAPTER-M
Oil	Acid- and additive-free hydraulic oil, 1 litre bottle	CPB5000-FLUID
Service	Maintenance and service kit	LPP-H-WARTUNG

Analogue Reference Pressure Gauges, Accuracy Class 0.6	and 1.0, DN 100
060 bar / 0800 psi, accuracy class 0.6	LPP-MANO-0060
0100 bar / 01,400 psi, accuracy class 0.6	LPP-MANO-0100
0160 bar / 02,000 psi, accuracy class 0.6	LPP-MANO-0160
0250 bar / 03,000 psi, accuracy class 0.6	LPP-MANO-0250
0400 bar / 05,000 psi, accuracy class 0.6	LPP-MANO-0400
0600 bar / 08,000 psi, accuracy class 1.0	LPP-MANO-0600
01,000 bar / 014,500 psi, accuracy class 1.0	LPP-MANO-1000

Digital Pressure Calibrator and Test pressure gauges	Accuracy
Electronic pressure calibrator LR-Cal TLDMM-3.0	±0.025/0.05% FS
Precision handheld meter with pressure sensor LR-Cal LHM	±0.05/0.1% FS
Digital test pressure gauge LR-Cal LDM 80 + KL01	±0.1% FS
Digital test pressure gauge LR-Cal LDM 80	±0.2% FS
Digital test pressure gauge LR-Cal LDM 70-E25	±0.125% BFSL
Digital test pressure gauge LR-Cal LDM 70-K50	±0.25% BFSL
Digital pressure gauge DM 80	±0.25% BFSL
Digital pressure gauge with USB LDM 80-UMS	±0.25% BFSL