

CALIBRATION TEST PUMPS (HYDRAULIC)

LPP – 700

LPP -1000

PRESSURE: UP TO 10.000 PSI (700 Bar)

UP TO 14.5000 PSI (1000 Bar)



The portable Calibration Test Pumps **LPP 700** and **LPP 1000** are been designed for easy to use pressure calibration equipment "in the field", for testing pressure gauges, pressure switches and pressure transmitters. 10.000 PSI (700 bar) and 14.500 PSI (1000 Bar) can be reached in a simple way, using the "prime/high pressure" selector.

Digital manometers can be mounted directly on the top of the pumps .

The Calibration Test Pump **LPP 700** and **LPP 1000** are supplied including a test hose (MINIMESS® 1620), length 1 m, with 1/4" BSP F port.

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

APPLICATIONS:

- Hydraulic operated (suitable for mineral oil based hydraulic fluids or clean water, free of calcium-carbonate)
- Generating test pressure up to:
10.000 PSI (700 Bar)
14.500 PSI (1000 Bar)
- Test hose MINIMESS® included

MAIN CHARACTERISTICS:

- Manual operation
- Test pressure generation up to
700 Bar (10.000 PSI)
1000 Bar (14.500 PSI)
- Portable
- Easy to use
- Lightweight



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**TESTING
EXPERTISE**

CALIBRATION TEST PUMPS (HYDRAULIC)

LPP – 700

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PRESSURE: UP TO 10.000 PSI (700 Bar)

UP TO 14.5000 PSI (1000 Bar)

Specification:

Range pressure: 0/700 Bar, 0/10.000 PSI -0/1000 Bar. 0/14.500 PSI

Pressure ports: : 1/2" BSP female, rotating, at the top of the pumps. Coupling to 1/4" BSP female thread

Liquid reservoir: 200 cm³ (re-filling during pressure generation possible)

Construction: High quality, no leakage, robust, portable, easy to handle

Pressure adjustment: Pressure fine control and pressure release valve.

Dimensions: appr. 270 x 160 x 120 mm (without hose)

Weight: approx 1.3 kg (without hose)

Standard scope of delivery:

- Pressure Test Pump
- Flexible hose MINIMESS® 1620 with 1/4" BSP end connector
- Manual

Optional Accessories:

- Several sets of threaded adapters for the test item pressure port
- Carrying case, dimensions: 480 x 380 x 160 mm
- Reference pressure reading instruments or digital pressure gauges.

Control elements LPP 700 – LPP 1000:

- (1) = Flexible hose MINIMESS® 1620
(2) = Pressure release valve, fine adjustable
(3) = Liquid reservoir filling plug
(4) = Fine control (volume adjustment)
(5) = 1/2" BSP female rotating reference port
(6) = Liquid reservoir
(7) = Priming / high pressure switching knob
(8) = Pump handles
(9) = Blind plug, never open!



Order-code

LPP 700

LPP1000

LPPHKOFFERMFR

LPP-ADAPTER-BSP

LPP-ADAPTER-M

LPP-ADAPTER-NPT

Description

HYDRAULIC HAND PUMP

range 0/700 bar with tube and 1/4"

BSP connection

HYDRAULIC HAND PUMP

range 0/1000 bar with tube and 1/4"

BSP connection

Carrying case for LPP700, 480 x 380 x 160 mm

BSP adapter set and gasket

PN 1000 bar 1/8"BSPF-3/8"BSPF

- 1/2" BSPF -1/2" BSPM

Metric adapter set and gasket

PN 1000 bar M12x1,5 - 20x1,5

+minimess

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.



TESTING
EXPERTIZE

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