












**Pressure Calibration System (-0.95...+35 bar)
Calibration Pump + Reference + Case**

LPP-KIT

The Pressure Calibration System **LPP-KIT** are consisting of a pressure-/vacuum source, a precision reference pressure gauge and a carrying case., for checking, adjusting and calibrating mechanical and electronic pressure measuring instruments. These pressure tests may be carried out on site at the measuring point or in laboratories/workshops. If the instrument

under test and a sufficiently accurate reference measuring instrument are connected to the LPP 30 calibration test pump, the same pressure / vacuum is applied to the two instruments when the pump is operated.

LPP 30 Calibration Test Pump	Reference Pressure Gauge	LPP-KIT Type
 (see datasheet LPP 30)	LPP-MANO ±1.0% (see datasheet LPP 30) 	LPP-30-K-MANO 
	DTG 35 ±0.5% (see datasheet DTG 35) 	LPP-30-K-DTG35 
	TDMC ±0.2% (see datasheet TDMC) 	LPP-30-K-TDMC 
	TLDMM ±0.05% (see datasheet TLDMM) 	LPP-30-K-TLDMM 

The pressure calibration systems **LPP-KIT** are supplied in a rigid carrying case with foams.

As an optional accessory, different sets of thread adapters are available, see datasheet LPP 30.

Depending on the accuracy of the unit under test, please choose the sufficiently accurate reference gauge, which should have a two or four times better accuracy than the unit under test.

- Reference:**
- LPP-MANO = Accuracy ±1.0% F.S.
 - DTG 35 = Accuracy ±0.5% F.S..
 - TDMC = Accuracy ±0.2% F.S.
 - TLDMM = Accuracy ±0.05% F.S.
 - LPC 300 = Accuracy ±0.025% F.S. (see datasheet LPC 300, not included here)



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Order-Codes:

- Scope of supply:
- Calibration Test Pump LPP 30 with flexible hose and pressure port 1/4" BSP female
 - Carrying case with foams
 - Reference Pressure Gauge acc. to following table:

Reference-Type	Accuracy	Pressure Range	LPP-KIT Order-Code
LPP-MANO	±1.0% F.S.	0 - 2 bar 0 - 30 psi	LPP30K-MANO-0002
		0 - 11 bar 0 - 160 psi	LPP30K-MANO-0011
		0 - 25 bar 0 - 365 psi	LPP30K-MANO-0025
		0 - 40 bar 0 - 600 psi	LPP30K-MANO-0040
		-1 / 0 bar -30 / 0 inHg	LPP30K-MANO-0000
DTG 35	±0.5% F.S.	0 - 2.5 bar 0 - 35 psi	LPP30K-DTG35-0002
		0 - 10 bar 0 - 145 psi	LPP30K-DTG35-0010
		0 - 25 bar 0 - 365 psi	LPP30K-DTG35-0025
		0 - 40 bar 0 - 600 psi	LPP30K-DTG35-0040
		-1 / +3 bar -30 inHg / + 45 psi	LPP30K-DTG35-0003
TDMC	±0.2% F.S.	0 - 2.5 bar 0 - 35 psi	LPP30K-TDMC-0002
		0 - 10 bar 0 - 145 psi	LPP30K-TDMC-0010
		0 - 20 bar 0 - 290 psi	LPP30K-TDMC-0020
		0 - 50 bar 0 - 725 psi	LPP30K-TDMC-0050
		-1 / +2.5 bar -30 inHg / +40 psi	LPP30K-TDMC-0003
TLDMM	±0.05% F.S.	0 - 2.5 bar 0 - 35 psi	LPP30K-TLDMM-0002
		0 - 10 bar 0 - 145 psi	LPP30K-TLDMM-0010
		0 - 20 bar 0 - 290 psi	LPP30K-TLDMM-0020
		0 - 50 bar 0 - 725 psi	LPP30K-TLDMM-0050
		-1 / +2.5 bar -30 inHg / +40 psi	LPP30K-TLDMM-0003

Accessories:

Set of adapters and seals "BSP" 1/8" BSP F, 3/8" BSP F, 1/2" BSP F, 1/2" BSP M	LPP-ADAPTER-BSP
Set of adapters and seals "NPT" 1/8" NPT F, 1/4" NPT F, 3/8" NPT F, 1/2" NPT F	LPP-ADAPTER-NPT
Set of adapters and seals "M" M 12 x 1,5 F, M 20 x 1,5 F and MINIMESS M16 x 2 female PN 400	LPP-ADAPTER-M



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