



Reference instrument with accuracy 1.0% of full scale value:

Type of LPP-Kit:	LPP-KIT-PA	LPP-KIT-HA
Operation:	pneumatic	hydraulic
Available Pressure Ranges:	-1...0 bar / -30...0 in Hg 0...25 bar / 0...365 psi -1...+39 bar / -30...0 in Hg...+580 psi	0...250 bar / 0...3,000 psi 0...600 bar / 0...8,000 psi 0...1000 bar / 0...14,500 psi



Scope of Supply:	1 LPP 30 calibration handpump with 1/2" BSP female port for reference Pressure generation up to +35 bar / +500 psi and Vacuum generation up to -0.95 bar / -28 in Hg	1 LPP 700 or 1 LPP 1000 calibration handpump with 1/2" BSP female port for reference Pressure generation up to +700 bar / 10,000 psi or up to +1000 bar / +14,500 psi
	1 set of BSP adapters for test specimen 1/8", 1/4", 3/8", 1/2"	
	1 test hose with 1/4" BSP female port for test specimen	
	1 analogue reference pressure gauge LPP-MANO with fine graduation dial, knife pointer, dual scale "bar/psi" (available ranges see above, others on request)	
	1 transit case with foams	

Reference instrument with accuracy 0.5% of full scale value:

Type of LPP-Kit:	LPP-KIT-PD-50	LPP-KIT-HD-50
Operation:	pneumatic	hydraulic
Available Pressure Ranges:	0...2.5 bar / 0...36 psi 0...25 bar / 0...365 psi -1...+39 bar / -30...0 in Hg...+580 psi	0...100 bar / 0...1,450 psi 0...250 bar / 0...3,000 psi 0...400 bar / 0...5,800 psi



Scope of Supply:	1 LPP 30 calibration handpump with 1/2" BSP female port for reference Pressure generation up to +35 bar / +500 psi and Vacuum generation up to -0.95 bar / -28 in Hg	1 LPP 700 calibration handpump with 1/2" BSP female port for reference Pressure generation up to +700 bar / 10,000 psi
	1 set of BSP adapters for test specimen 1/8", 1/4", 3/8", 1/2"	
	1 test hose with 1/4" BSP female port for test specimen	
	1 LDM 70-K50 digital test pressure gauge ±0.5% f.s., switchable pressure unit (available ranges see above, others on request)	
	1 transit case with foams	



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Reference instrument with accuracy 0.2% of full scale value:

Type of LPP-Kit:	LPP-KIT-PD-20	LPP-KIT-HD-20
Operation:	pneumatic	hydraulic
Available Pressure Ranges:	-1...+1 bar / -30...0 in Hg...+14.5 psi -1...+5 bar / -30...0 in Hg...+72.5 psi -1...+20 bar / -30...0 in Hg...+290 psi	0...250 bar / 0...3,000 psi 0...700 bar / 0...10,000 psi 0...1000 bar / 0...14,500 psi



Scope of Supply:	1 LPP 30 calibration handpump with 1/2" BSP female port for reference Pressure generation up to +35 bar / +500 psi and Vacuum generation up to -0.95 bar / -28 in Hg	1 LPP 700 or 1 LPP 1000 calibration handpump with 1/2" BSP female port for reference Pressure generation up to +700 bar / 10,000 psi or up to +1000 bar / +14,500 psi
	1 set of BSP adapters for test specimen 1/8", 1/4", 3/8", 1/2"	
	1 test hose with 1/4" BSP female port for test specimen	
	1 TLDMM-A02 digital test pressure gauge ±0.2% f.s., switchable pressure unit incl. certificate of calibration (available ranges see above, others on request)	
	1 transit case with foams	

Reference instrument with accuracy 0.05% of full scale value:

Type of LPP-Kit:	LPP-KIT-PD-05	LPP-KIT-HD-05
Operation:	pneumatic	hydraulic
Available Pressure Ranges:	-1...+1 bar / -30...0 in Hg...+14.5 psi -1...+5 bar / -30...0 in Hg...+72.5 psi -1...+20 bar / -30...0 in Hg...+290 psi	0...250 bar / 0...3,000 psi 0...700 bar / 0...10,000 psi 0...1000 bar / 0...14,500 psi



Scope of Supply:	1 LPP 30 calibration handpump with 1/2" BSP female port for reference Pressure generation up to +35 bar / +500 psi and Vacuum generation up to -0.95 bar / -28 in Hg	1 LPP 700 or 1 LPP 1000 calibration handpump with 1/2" BSP female port for reference Pressure generation up to +700 bar / 10,000 psi or up to +1000 bar / +14,500 psi
	1 set of BSP adapters for test specimen 1/8", 1/4", 3/8", 1/2"	
	1 test hose with 1/4" BSP female port for test specimen	
	1 TLDMM digital precision pressure gauge ±0.05% f.s., switchable pressure unit incl. certificate of calibration (available ranges see above, others on request)	
	1 transit case with foams	



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Pressure Calibrator with accuracy 0.025% of full scale value / 0.1% of measured value as reference:

Type of LPP-Kit:	LPP-KIT-PK-LPC200	LPP-KIT-HK-LPC200
Operation:	pneumatic	hydraulic
Available Pressure Ranges:	0...1.6 bar / 0...23 psi 0...16 bar / 0...232 psi 0...40 bar / 0...580 psi -1...+24 bar / -30...0 in Hg...+348 psi	0...100 bar / 0...1,450 psi 0...250 bar / 0...3,000 psi 0...600 bar / 0...8,700 psi 0...1000 bar / 0...14,500 psi



Scope of Supply:	1 LPP 30 calibration handpump with 1/2" BSP female port for reference Pressure generation up to +35 bar / +500 psi and Vacuum generation up to -0.95 bar / -28 in Hg	1 LPP 700 or 1 LPP 1000 calibration handpump with 1/2" BSP female port for reference Pressure generation up to +700 bar / 10,000 psi or up to +1000 bar / +14,500 psi
	1 set of BSP adapters for test specimen 1/8", 1/4", 3/8", 1/2"	
	1 test hose with 1/4" BSP female port for test specimen	
	1 LPC 200 Pressure Calibrator with 1 Reference Sensor LPC-2 incl. certificate of calibration (available ranges see above, others on request)	
	1 aluminium transit case with foams	



Electronic Pressure Calibrator LPC 200

- Very simple operation, easily-read display (backlighting selectable)
- Changeable reference sensors LPC-2 (plug & play), this means, up to 10 pressure ranges with one instrument (also vacuum, compound, absolute ranges...)
- Accuracy $\pm 0.025\%$ f.s. / 0.1% of reading (higher value is valid)
- Logging function, pressure rate, min-/max-value, Bargraph, Tare
- Issue calibration certificates with **LPC-Cal** software (included in Kit)
- Chargeable Lithium-Ion battery, incl. Charger
- USB interface, cable included
- Switchable pressure units: PSI, bar, mbar, kPa, mmHg, inHg, ...



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Process Calibrator with accuracy 0.025% of full scale value as reference:

Type of LPP-Kit:	LPP-KIT-PK-LPC300	LPP-KIT-HK-LPC300
Operation:	pneumatic	hydraulic
Available Pressure Ranges:	0...1.6 bar / 0...23 psi 0...16 bar / 0...232 psi 0...40 bar / 0...580 psi -1...+24 bar / -30...0 in Hg...+348 psi	0...100 bar / 0...1,450 psi 0...250 bar / 0...3,000 psi 0...600 bar / 0...8,700 psi 0...1000 bar / 0...14,500 psi



Scope of Supply:	1 LPP 30 calibration handpump with 1/2" BSP female port for reference Pressure generation up to +35 bar / +500 psi and Vacuum generation up to -0.95 bar / -28 in Hg	1 LPP 700 or 1 LPP 1000 calibration handpump with 1/2" BSP female port for reference Pressure generation up to +700 bar / 10,000 psi or up to +1000 bar / +14,500 psi
	1 set of BSP adapters for test specimen 1/8", 1/4", 3/8", 1/2"	
	1 test hose with 1/4" BSP female port for test specimen	
	1 LPC 300 Pressure Calibrator with 1 Reference Sensor LPC-S incl. certificate of calibration (available ranges see above, others on request)	
	1 aluminium transit case with foams	



Electronic Process Calibrator LPC 300

- Very simple operation, easily-read display (backlighting selectable)
- Changeable reference sensors LPC-S (plug & play), this means, up to 5 pressure ranges with one instrument (also vacuum, compound, absolute ranges...)
- Accuracy $\pm 0.025\%$ of full scale value
- Reading of pressure, voltage and current
- Conversion voltage/current to pressure
- Storage of calibration data, possibility to pre-define calibration procedures, download calibration data to PC with included **LPC-Cal** software, printing of Certificates of Calibration with PC. Incl. USB-cable, optional RS232.
- Simultaneous display of reference pressure, output of unit under test (mA / V or pressure value entered by user via numeric keypad), deviation in selected pressure unit and deviation in % of full scale or of reading of test specimen.



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