

Portable Pneumatic Pressure Calibrator

Field calibrate pressure transmitters, transducers, and gauges up to 300 psi

The Fluke Calibration 3130 portable pressure calibrator is built into a ruggedized case to facilitate field calibration of pressure devices under 300 psi. Source pressure or vacuum is supplied by an internal pump. Unit features variable volume for fine adjustments of pressure. An external supply connection allows you to regulate an external source of dry clean air as an additional option. A 24 V power supply and electrical measurement capability allow for closed loop calibrations.

new



16110-94

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with product selection.

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SPECIFICATIONS		
Function	Range	Accuracy
Pressure (internal pump)	-12 to 300 psi (-0.8 to 20 bar)	0.025% of reading \pm 0.01% full-scale
Pressure (external air)	0 to 300 psi (0 to 20 bar)	
Voltage measurement	0 to 30.000 VDC	\pm 0.015 % of reading \pm 0.002 V
Current measurement	0 to 24.000 mA	\pm 0.015 % of reading \pm 0.002 mA
Voltage output	23 to 28 VDC	
Operating conditions	14 to 122°F (-10 to 50°C), 10 to 95% RH noncondensing	
Connections	1/8" NPT (external supply port and test port)	
Dimensions (W x H x D)	15 1/4" x 7" x 12" (387 x 178 x 305 mm)	
Power / battery life	12 VDC universal AC adapter or 3800 mAh advanced NiMH pack / approximately 50 hours when using external source, approximately 100 calibration cycles to 300 psi when using internal pump	

What's included: Six 1/8" NPT quick connectors for calibration hoses, two 3 ft (0.9 m) sections of 1/8" NPT hose, one 1/8" NPT(F) on 1/4" NPT(F) fitting, one 1/8" NPT(F) on 1/4" BSP female fitting, thread seal tape, two red and two black test cables, universal AC power adapter, rechargeable NiMH battery, and NIST-traceable calibration report supplied by the manufacturer.

Catalog No.	Model No.	Description
TS-16110-94	3130-G2M	Portable pneumatic pressure calibrator
Accessories		
TS-68460-39	700P01	Pressure module, 10 in. H ₂ O
TS-68460-41	700P02	Pressure module, 1 psig
TS-68460-63	700PA4	Pressure module, 15 psia
TS-68460-66	700PA6	Pressure module, 100 psia
TS-68460-70	700PD4	Differential pressure module, \pm 15 psi
TS-68460-71	700PD5	Differential pressure module, -15/30 psi
TS-17050-12	—	NIST-traceable recalibration with data