

717/718 Pressure Calibrators

Pump up the pressure

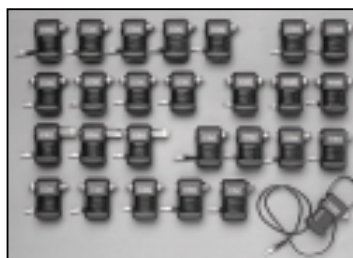


718 30G and 100G Pressure Calibrator

- Built-in pressure / vacuum hand pump, with vernier and bleed valve
- Measure pressure, 0.05% of full scale with internal sensor
 - 1/8 NPT pressure fitting
 - Compatible with non-corrosive gasses and liquids
- Pressure measurement to 700 bar using any of the Fluke-700Pxx Pressure Modules
- Wide range of selectable measurement units for pressure
- Current measurement with 0.025% accuracy and 0.001mA resolution
- Simultaneous pressure and current measurement for easy P/I or I/P testing
- Zero, Min-Max, Hold and Damping functions
- 24 volt loop power supply
- Very compact size and weight

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Fluke 700 Series Pressure Modules

- 29 Pressure Modules
- Ranges from 2.5 mbar to 700 bar
- Gage, differential, dual (compound), absolute, and vacuum modules
- Very high accuracy: up to 0.025% FS.
- Full-accuracy performance from 0°C to 50°C
- Pressure readings update twice per second, and may be displayed in up to 11 different units
- Compatible with Fluke 717, 718, 725, and 74X Series
- Rugged cases protect the modules from harsh environments

Fluke Pressure Modules			
Model	Range	Model	Range
Differential		Absolute	
700P00	2.5 mbar	700PA3	340 mbar
700P01	25 mbar	700PA4	1 bar
700P02	70 mbar	700PA5	2 bar
700P22	70 mbar	700PA6	7 bar
700P03	340 mbar		
700P23	340 mbar	Dual	
700P04	1 bar	700PD2	± 70 mbar
700P24	1 bar	700PD3	± 340 mbar
Gage		700PD4	±1bar
700P05	2 bar	700PD5	-1/+2 bar
700P06	7 bar	700PD6	-1 bar/+7 bar
700P27	20 bar	700PD7	-1 bar/+14 bar
700P07	34 bar		
700P08	70 bar	High	
700P09	100 bar	700P29	200 bar
Vacuum		700P30	340 bar
700PV3	-340 mbar	700P31	700 bar
700PV4	-1 bar		

Accessories and Ordering Information

Included Accessories

Fluke 717 and 718: Protective Yellow Holster, Test Leads and Alligator Clips, Single 9V alkaline battery (two 9V batteries in 718), Instructions.



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Specifications

	717 30G	717 100G	718 30G	718 100G	Function	Range	Resolution	Accuracy	Notes
●	●	●	●	●	Measure Pressure ¹ (internal sensor) Over pressure 3xFS	Gage 0-2 bar Vacuum -830 mbar	0.0001 bar	0.05% Full Scale	Gasses/liquids ² (non-corrosive) Zero, Min, Max, Hold, Damp
					Measure Pressure ¹ (internal sensor) Over pressure 2xFS	Gage 0-7 bar Vacuum -830 mbar	0.001 bar	0.05% Full Scale	Gasses/liquids ² (non-corrosive) Zero, Min, Max, Hold, Damp
●	●	●	●	●	Measure Pressure ¹ (with Pressure Modules) Over pressure per pressure module specs	29 Pressure Modules, 2,5 mbar to 700 bar	To 0.001 mbar per Pressure Module specs	To 0.025% of full span, per Pressure Module specs	Media compatibility per Pressure Module specs Zero, Min, Max, Hold, Damp
					Source Pressure, built-in pump	-830 mbar to full scale	N/A	N/A	
●	●	●	●	●	Measure mA	0 to 24 mA	0.001 mA	0.025% + 1 count	
●	●	●	●	●	Loop Supply	24 V DC	N/A	± 10%	Drive; 20 mA into 1000 Ω for battery >6.8V; 700 Ω for battery 5.8 to 6.8V

¹ Supported Pressure Units: psi, in. H₂O(4°C), in. H₂O(20°C), cm H₂O(4°C), cm H₂O(20°C), bar mBar, kPa, inHg, mmHg, kg/cm²

² Fluke 718 : non-corrosive gases only