

717/718 Pressure Calibrators

Pump up the pressure

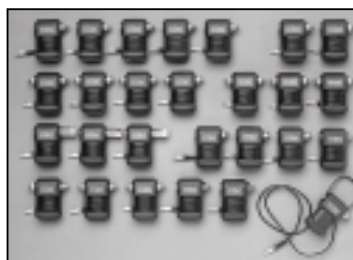


717 30G and 100G Pressure Calibrator

- 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
- 24 volt loop power supply
- Zero, Min-Max, Hold and Damping functions

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



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	±1 bar
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		

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

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.

Ordering Information

Fluke 717 30G Pressure Calibrator
Fluke 717 100G Pressure Calibrator
Fluke 718 30G Pressure Calibrator
Fluke 718 100G Pressure Calibrator
10033-ENG Rev. 03

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