

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
- ATEX certified Ex version available

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

Accessories and Ordering Information

Included Accessories

Fluke 717 and 718: Protective Yellow Holster, TL75 Test Leads and AC72 Alligator Clips, Single 9V alkaline battery (two 9V batteries in 718), Instructions.

Ordering Information

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