

Fluke 717 30G and 717 100G Pressure Calibrator Specifications

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Function Specifications

Measure Pressure (internal sensor) Over Pressure 3xFS (717 30G only)	<p>Range: -12 to 30 psi (-83 to 207 kPa)</p> <p>Resolution: 0.001 psi (0.01 kPa)</p> <p>Accuracy: 0.05 % full scale Note: Gasses/liquids (non-corrosive) Zero, Min, Max, Hold, Damp</p>
Measure Pressure (with Pressure Modules) Over pressure per pressure module specs	<p>Range: 29 pressure modules, 1.0 in. H₂O / 0.25 kPa to 10,000 psi / 69 Mpa</p> <p>Resolution: To 0.0001 psi, per Pressure Module specs</p> <p>Accuracy: To 0.05 % of full span, per Pressure Module specs Note: Media compatibility per Pressure Module Specs, Zero, Min, Max, Hold, Damp</p>
Measure mA	<p>Range: 0 to 24 mA</p> <p>Resolution: 0.001 mA</p> <p>Accuracy: 0.025 % + 1 count</p>
Loop Supply	<p>Range: 24 V dc</p> <p>Resolution: N/A</p> <p>Accuracy: +/- 10 % Note: Drive; 20 mA into 1000 W for battery >6.8 V; 700 W for battery 5.8 to 6.8 V</p>

General Specifications

Operating temperature	-10 C to 55 C
Non-operating temperature	-40 C to 60 C
Relative humidity (% RH operating without condensation):	95 % (10 C to 30 C); 75 % (30 C to 40 C); 45 % (40 C to 50 C); 35 % (50 C to 55 C)
Operating altitude	3,000 m max
Vibration	Random, 2 g, 5-500 Hz
Shock	1 m drop test
Safety	CSA C22.2 No. 1010.1:1992
Power	Single 9 V battery ANSI/NEDA 1604A or IEC 6LR619V alkaline
Size (with holster)	201 mm L x 98 mm W x 52 mm D (7.93 in X 3.86 in x 2.06 in)
Weight (with holster)	Approx. 600 g (21 oz)
Size (without holster)	187 mm L x 87 mm W x 32 mm D (7.35 in X 3.41 in x 1.25 in)
Weight (without holster)	Approx. 330 g (12 oz)
Display	Clear, 5 digit liquid crystal
Warranty	3 years