

Specifications: Fluke 717 Pressure Calibrator

Measurement Accuracy		
Pressure	717 Series	
	Measure Pressure	(Internal sensor)
	Accuracy	0.05% full scale
	Functions	Zero, min, max, hold, damp
		Note gasses / liquids (non-corrosive)
	Fluke 717 1G	
	Range	-1 to 1 psi, (-68.9 mbar to 68.9 mbar, -83 to 6.89 kPa)
	Resolution	0.0001 psi, 0.001 mbar, 0.0001 kPa
	Over pressure	5 x full scale
	Fluke 717 30G	
	Range	-12 to 30 psi, (-850 mbar to 2 bar, -83 to 206.84 kPa)
	Resolution	0.001 psi, 0.1 mbar, 0.01 kPa
	Over Pressure	2 x full scale
	Fluke 717 100G	
	Range	-12 to 100 psi, (-850 mbar to 7 bar, -83 to 689.48 kPa)
	Resolution	0.01 psi, 0.1 mbar, 0.01 kPa
	Over pressure	2 x full scale
	Fluke 717 300G	
	Range	-12 to 300 psi, (-850 mbar to 20 bar, -83 to 2068.42 kPa)
	Resolution	0.01 psi, 1 mbar, 0.1 kPa

Over pressure	375 psi, 25 bar
Fluke 717 500G	
Range	0 to 500 psi, (0 mbar to 34,7 bar, 0 to 3447.38 kPa)
Resolution	0.01 psi, 1 mbar, 0.1 kPa
Over pressure	2 x full scale
Fluke 717 1000G	
Range	0 to 1000 psi, (0 mbar to 69 bar, 0 to 6894.76 kPa)
Resolution	0.1 psi, 1 mbar, 0.1 kPa
Over pressure	2 x full scale
Fluke 717 1500G	
Range	0 to 1500 psi, (0 bar to 103.4 bar, 0 to 10342 kPa)
Resolution	0.1 psi, 0.01 mbar, 1 kPa
Over pressure	2 x full scale
Fluke 717 3000G	
Range	0 to 3000 psi, (0 bar to 207 bar, 0 to 20684.27 kPa)
Resolution	0.1 psi, 0.01 bar, 1 kPa
Over pressure	2 x full scale
Fluke 717 5000G	
Range	0 to 5000 psi, (0 bar to 345 bar, 0 to 34474 kPa)
Resolution	0.1 psi, 0.01 bar, 1 kPa
Over pressure	2 x full scale

	Fluke 717 Series with Pressure Modules	
	Measure pressure	(Via pressure module connector using optional Pressure Modules)
	Range	29 pressure modules, 0-1 inH ₂ O to 10,000 psi, 2.5 mbar to 700 bar ranges. Over pressure per pressure module specs
	Resolution	Per pressure module specs
	Accuracy	Per pressure module specs
	Functions	Zero, min, max, hold, damp
	Current	Range
Resolution		0.001 mA
Accuracy		0.015% + 2 counts
Specifications		
Loop power	Range	24 V DC
	Accuracy	±10%
		Drive; 20 mA into 1000 ohms for battery > 6.8 V; 700 W for battery 5.8 to 6.8 V
Display	Clear 5 digit LCD	
Environmental Specifications		
Operating temperature	-10°C to 55°C	
Storage temperature	-40°C to 60°C	
Humidity (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	
Safety Specifications		
Safety	CSA C22.2 No. 1010.11992	

Mechanical and General Specifications	
Size (L x W x H)	201 x 98 x 52 mm (7.93 x 3.86 x 2.06 in)
Weight	22 oz, approximately 600 G with holster
Warranty	3 years
Shock and vibration	Random, 2 G, 5-500 Hz
	1 m drop test
Battery type	Single 9 V battery ANSI/NEDA 1604A or IEC 6LR619V alkaline