

Five models are available covering a wide range of 2 PSI to 100 PSI

These digital manometers are ideal for measuring low differential pressure in clean rooms, test and balance, medical equipment, HVAC, pneumatic systems and computer peripherals. They are portable, and weigh only 5 oz. (150 g) including the battery, these meters are convenient for use in the lab, field or factory. All read gauge, and differential min/max, hold, and auto power off functions. The RS232 port enables communication with a computer. High accuracy of $\pm 0.3\%$ fs at 25°C, repeatability: $\pm 0.2\%$ (max $\pm 0.5\%$) FSO, and combined linearity and hysteresis: ± 0.2 (Max $\pm 1.0\%$) FSO. All Sper Scientific Manometers come ready to use with connection hose, instructions, and a 9V battery, in a hard shell carrying case. N.I.S.T. traceable certificate of calibration available.



DIM: 7 $\frac{1}{8}$ " x 2 $\frac{3}{4}$ " x 1" (182 x 72 x 30 mm). WEIGHT: 5 oz (150 g).

Meter	840085		840080		840081		840082		840083	
	Range	Resolution	Range	Resolution	Range	Resolution	Range	Resolution	Range	Resolution
PSI	2	0.001	5	0.001	15	0.01	30	0.01	100	0.1
In H ₂ O	55.4	0.01	138	0.1	415	0.1	830	0.1	2768	1
kPa			34.5	0.01	183	0.1	207	0.1	684	0.1
Ft H ₂ O			11.5	0.01	34.6	0.01	69.2	0.01	231	0.1
In Hg			10.2	0.01	30.54	0.01	61.08	0.01	203.6	0.1
Cm H ₂ O (840085 is in mm H ₂ O)	1410	1	352	0.1	1050	1	2110	1	7030	1
mbar	138	0.1	345	0.1	1034	1	2068	1	6895	1
Bar	0.138	0.001	0.345	0.001	1.03	0.001	2.07	0.001	6.89	0.001
mm of Hg			259	0.1	776	0.1	1550	1	5170	1
Oz Inch ²			80	0.01	240	0.1	480	0.1	1600	1
Kg cm ²			0.35	0.001	1.05	0.001	2.10	0.001	7.03	0.001
Max Pressure	20 PSI		20 PSI		30 PSI		60 PSI		150 PSI	

No.	Description
840085	Manometer 2 PSI
840085C	Manometer 2 PSI Certified
840080	Manometer 5 PSI
840080C	Manometer 5 PSI Certified
840081	Manometer 15 PSI
840081C	Manometer 15 PSI Certified
840082	Manometer 30 PSI
840082C	Manometer 30 PSI Certified
840083	Manometer 100 PSI
840083C	Manometer 100 PSI Certified

