



Five models are available covering a wide range

Ideal for measuring low differential pressure in clean rooms, test and balance, medical equipment, HVAC, pneumatic systems and computer peripherals. Portable, and weighing 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 pressure in up to 11 units of measure, and feature large, backlit displays, min/max, hold, and auto power off functions. The USB output port enables communication with a computer. High accuracy of $\pm 0.3\%$ FS @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. Uses optional AC Adapter (840027). N.I.S.T. traceable certificate of calibration available.

DIM: 7 1/8" x 2 3/4" x 1" (182 x 72 x 30 mm). WEIGHT: 5 oz (150 g)

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
840027	AC Adapter
840052	Data Acquisition Software
840054	USB Cable
840089	Rubber Holster

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	N/A		34.5	0.01	183	0.1	207	0.1	684	0.1
Ft H ₂ O	N/A		11.5	0.01	34.6	0.01	69.2	0.01	231	0.1
In Hg	N/A		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	N/A		259	0.1	776	0.1	1550	1	5170	1
Oz Inch ²	N/A		80	0.01	240	0.1	480	0.1	1600	1
Kg cm ²	N/A		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	

