



## MANOMETERS

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. Four models are available covering a wide range. All read gauge, and differential pressure in 11 units of measure and feature large backlight display, max-min-avg, hold, relative, and auto power off functions. The RS232 port enables communication with a computer. High accuracy of  $\pm 0.3\%$  fs at  $25^{\circ}\text{C}$ , repeatability:  $\pm 0.2\%$  (max  $\pm 0.5\%$ ) FSO, and combined linearity and hysteresis:  $\pm 0.2$  (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. Dim: 7 1/8" x 2 3/4" x 1" (182 x 72 x 30 mm).

## OPTIONAL ACCESSORIES

- 840027 AC Adapter
- 840054 RS232 Cable
- 840052 Software
- 840090 Water Resistant Instrument Pouch

Meter	840080		840081		840082		840083	
	Range	Res.	Range	Res.	Range	Res.	Range	Res.
PSI	5	0.003	15	0.01	30	0.02	100	0.1
In H <sup>2</sup> O	138	0.1	415	0.3	830	0.5	2768	2
Bar	0.345	0.001	1.03	0.001	2.07	0.002	6.89	0.004
mbar	345	0.2	1034	1	2068	2	6895	4
mm of Hg	259	0.2	776	0.5	1550	1	5170	3
Oz Inch <sup>2</sup>	80	0.05	240	0.2	480	0.3	1600	1
Kg cm <sup>2</sup>	0.35	0.001	1.05	0.001	2.10	0.002	7.03	0.004
kPa	34.5	0.02	183	0.1	207	0.2	684	0.4
Ft H <sup>2</sup> O	11.5	0.01	34.6	0.02	69.2	0.04	231	0.2
Cm H <sup>2</sup> O	352	0.2	1050	1	2110	2	7030	4
In Hg	10.2	0.007	30.54	0.02	61.08	0.04	203.6	0.12
Max pressure	20 PSI		30 PSI		60 PSI		150 PSI	