



DATALOGGING MANOMETER 840086, 840098, 840099

Automatically log up to 12,000 readings with date and time stamps and download them to your computer or manually record and review 99 readings on the meter's display. Features a user friendly menu, backlit dot matrix display, auto power off and a tripod screw. This portable meter is ideal for measuring low differential pressure in clean rooms, test and balance, medical equipment, HVAC, pneumatic systems and computer peripherals. Reads gauge and differential pressure in 11 units of measure. Comes in a hard shell carrying case complete with 4 standard AAA batteries, pressure connection hose, instructions, computer cable and software.



With N.I.S.T. traceable certificate of calibration 840086C, 840098C, 840099C

OPTIONAL ACCESSORIES

840089 Rubber Holster
840094 RS232 to USB Adaptor Cable
840096 AC Adaptor

- MEAS**: Normal (Single) measurement
- MEM**: Manually record (99-points) measurement
- LOG**: Automatically record (Logger) measurement
- SET**: Logger, unit, real time, other setting



Meter	840086		840098		840099	
Maximum Pressure	20 PSI					
Accuracy	±0.3% fs at 25°C					
Repeatability	±0.2% typ, Max ±0.5% fs					
Combined Linearity and Hysteresis	±0.29 typ, Max ±1.0% fs					
Weight	9oz (255g)					
Dimensions	6 3/4" x 2 3/4" x 1 1/2" (208 x 70 x 40mm)					
Unit of Measure	Range	Res.	Range	Res.	Range	Res.
PSI	5	0.001	2	0.001	15	0.01
In H ₂ O	138	0.1	55.36	0.01	415.2	0.1
kPa	34.5	0.01	13.79	0.01	103.4	0.1
Ft H ₂ O	11.5	0.01	4.614	0.01	34.60	0.01
In Hg	10.2	0.01	4.072	0.01	30.54	0.01
Cm H ₂ O	352	0.1	140.6	0.1	1054	1
mbar	345	0.1	137.9	0.1	1034	1
Bar	0.345	0.001	0.138	0.001	1.034	0.001
mm of Hg	259	0.1	103.4	0.1	775.7	0.1
Oz Inch ²	80	0.01	32.48	0.01	240.0	0.1
Kg cm ²	0.35	0.001	0.141	0.001	1.055	0.001