



DT-8890B MANOMETER

The device measures Gauge/Differential Pressure from $-13.85 \text{ inH}_2\text{O}$ to $+13.85 \text{ inH}_2\text{O}$ (0.5 psi), it features 11 selectable units of measure: inH_2O , psi, bar, mbar, kPa, inHg, mmHg, ozin, ftH_2O , cmH_2O , kgcm. Additional features include Data Hold. Auto Power Off disabled, and a USB for capturing reading to a PC using optional software.

SPECIFICATIONS

Function	Range	Resolution	Function	Range	Resolution
inH_2O	13.85	0.01	ozin^2	8.00	0.01
psi	0.5	0.001	ftH_2O	1.154	0.001
mbar	34.47	0.01	cmH_2O	35.15	0.01
kPa	3.447	0.001	kgcm^2	0.035	0.001
inHg	1.018	0.001	bar	0.034	0.001
mmHg	25.86	0.01			

Display	: Dual LCD
Accuracy	: $\pm 0.3\% \text{FS} + 1 \text{d}$ (@ 25°C)
Repeatability	: $\pm 0.2\%$ (Max.+/-0.5% FSO)
Linearity/Hysteresis	: $\pm 0.29\%$ FSO
Pressure Range	: 0.5psi
Maximum Pressure	: 2psi
Response Time	: 0.5 Seconds Typical
Low Battery Indicator	: Yes
Over range Indicator	: Err.1
Under range Indicator	: Err.2
Operating Conditions	: 0 to 50
Storage Conditions	: -10 to 60
Power Supply	: 1x 9V Battery or External 9VDC
CP2102 USB to UART Bridge Controller	
Serial Format: Baud Rate: 9600 Baud, 8 Data Bits.	

ACCESSORIES

Hard Carrying Case, Battery, Pitot Tube, Instruction Manual, Test Report.