



# DT-8890B

## MANOMETER

The device measures Gauge/Differential Pressure from -13.85 inH<sub>2</sub>O to +13.85 inH<sub>2</sub>O (0.5 psi), it features 11 selectable units of measure: inH<sub>2</sub>O, psi, bar, mbar, kPa, inHg, mmHg, ozin, ftH<sub>2</sub>O, cmH<sub>2</sub>O, kgcm. Additional features include Data Hold. Auto Power Off disabled, and an USB for capturing reading to a PC using optional software.

### SPECIFICATIONS

Function	Range	Resolution	Function	Range	Resolution
inH <sub>2</sub> O	13.85	0.01	ozin <sup>2</sup>	8.00	0.01
psi	0.5	0.001	ftH <sub>2</sub> O	1.154	0.001
mbar	34.47	0.01	cmH <sub>2</sub> O	35.15	0.01
kPa	3.447	0.001	kgcm <sup>2</sup>	0.035	0.001
inHg	1.018	0.001	bar	0.034	0.001
mmHg	25.86	0.01			

- Display** : Dual LCD
- Accuracy** : ±0.3%FS + 1d (@ 25°C)
- Repeatability** : ±0.2% (Max.+/- 0.5% FSO)
- Linearity/Hysteresis** : ±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** : 1× 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.