





The device measures Differential Pressure from -55.4 inH<sub>2</sub>O to +55.4 inH<sub>2</sub>O (±2 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 and Auto Power off disable.

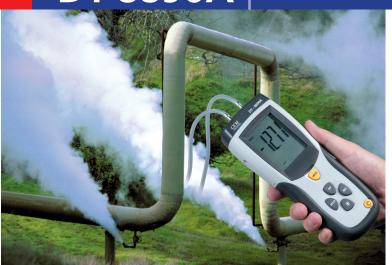
# DT-8890A DIFFERENTIAL MANOMETER

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# **DT-8890A**

## **Differential Manometer**



### **Technical Specifications**

Function	Range	Resolution	Function	Range	Resolution
inH <sub>2</sub> 0	55.40	0.01	ozin²	32.00	0.01
psi	2.000	0.001	ftH <sub>2</sub> 0	4.612	0.001
mbar	137.8	0.1	cmH <sub>2</sub> 0	140.6	0.1
kPa	13.79	0.01	kgcm <sup>2</sup>	0.140	0.001
inHa	0.407	0.001	bar	0.137	0.001
mmHa	103.4	0.1			

Display	Dual LCD		
Accuracy	±0.3% FSO (25°C/77°F)		
Repeatability	±0.2% (Max.+/ -0.5% FSO: Full scale Output)		
Linearity / Hysteresis	±0.29% FSO		
Pressure Range	±2 psi		
Maximum Pressure	10 psi		
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°C/32 to 122°F		
Storage Conditions	-10 to 60°C/14 to 140°F		
Power Supply	1x 9V Battery		



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