



The device measures Differential Pressure from -55.4 inH<sub>2</sub>O to +55.4 inH<sub>2</sub>O ( $\pm 2$  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

# DT-8890A

## Differential Manometer



### Technical Specifications

Function	Range	Resolution	Function	Range	Resolution
inH <sub>2</sub> O	55.40	0.01	ozin <sup>2</sup>	32.00	0.01
psi	2.000	0.001	ftH <sub>2</sub> O	4.612	0.001
mbar	137.8	0.1	cmH <sub>2</sub> O	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

Contact :

#### CEM INSTRUMENTS (INDIA) PVT. LTD.

32A, Ganesh Chandra Avenue, 4th Floor, Kolkata-700013

Tel: 033-22151376, 22159759

Email: [info@cem-instruments.in](mailto:info@cem-instruments.in) / [info@cem-india.com](mailto:info@cem-india.com)

Web: [www.cem-instruments.in](http://www.cem-instruments.in) / [www.cem-india.com](http://www.cem-india.com)

#### CEM INSTRUMENTS HEADQUATER & FACTORY

19th Building, 5th Region, Baiwangxin Industry Park,  
Songbai Road, Baimang, Xili, Nanshan, Shenzhen,  
China, 518108

Tel: +86-755-27353188, Fax: +86-755-27653699

