

ST-8897 Differential Pressure Manometer & Flow Meter

8897 measures Gauge/Differential Pressure , Air Velocity, Air Flow and temperature.

Features:

- 1.Large LCD display with backlight.
- 2.Relative time clock on MAX MIN and AVG provides a time reference for measurement.
- 3.Pressure measurement provides Zero Adjust and DIF function.
- 4.Display Pressure, Air Velocity or Air Flow plus Temperature simultaneously.
- 5.Easy to set Area dimension (up to 8 point).
- 6.USB interface, USB to UART Bridge Controller.
- 7.Low battery indication, and Auto Power Off mode (Sleep mode) increases battery life.

Specifications (Manometer):

Accuracy	±0.3% FSO	
Repeatability	±0.2% (Max.+/-0.5% FSO)	
Linearity/Hysteresis	±0.29% FSO	
Pressure Range	±2psi (±55.40 inH2O)	
Units and Resolution	Units	Range/Resolution
	psi	2.000/0.001
	mbar	137.8/0.1
	kPa	13.78/0.01
	inHg	4.072/0.001
	mmHg	103.4/0.1

Specifications (Flow):

Air Velocity	Range	Resolution	Accuracy
m/s(meter per second)	0.40~30.00	0.01	±3% ±0.20m/s
ft/min(feet per minute)	80~5900	1	±3% ±40ft/min
km/h(kilometers per hour)	1.4~108.0	0.1	±3% ±0.8km/h
MPH(miles per hour)	0.9~67.0	0.1	±3% ±0.4MPH
Knots(nautical miles per hour)	0.8~58.0	0.1	±3% ±0.4knots
Temperature °C	0 to 50.0°C	0.1	±0.1°C
Temperature °F	32.0 to 120.0°F	0.1	±2.0°F
Air Flow	Range	Resolution	Area
CFM (CFM=t3/min)	0-999,900t3/min	0.001~100	0-999.9 ft2
CMM (CMM=m3/min)	0-999,900m3/min	0.001~100	0-999.9 m2

Accessories :

9V battery, USB cable, software, Anemo probe, Soft tube and gift box with carrying case