



DT-8897/8897H

Differential Pressure Manometer & Flow Meter 8897/8897H measures Gauge/Differential Pressure , Air Velocity, Air Flow and temperature Hot wire anemometer(8897H) . Large LCD display with backlight. Relative time clock on MAX MIN and AVG provides a time reference for measurement. Pressure measurement provides Zero Adjust and DIF function. Display Pressure, Air Velocity or Air Flow plus Temperature simultaneously. Easy to set Area dimension (up to 8 point). USB interface, USB to UART Bridge Controller. Low battery indication, and Auto Power Off mode (Sleep mode) increases battery life.



Manometer Specification(8897/8897H)		
Accuracy	±0.3%FSO	
Repeatability	±0.2%(Max.+/- 0.5%FSO)	
Linearity/Hysteresis	±0.29%FSO	
Pressure Range	±2psi(±55.40 inH ₂ O)	
	Units	Range/Resolution
Units and 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

Flow meter Specifications					
Air Velocity	Range	Resolution	Basic Accuracy	8897	8897H
m/s(meter per second)	0.40~30.00	0.01	±3%±0.20m/s	*	
	0.1~25.0	0.01	±5%±1m/s		*
ft/min(feet per minute)	80~5900	1	±3%±40ft/min	*	
	20~4925	1	±5%±1ft/min		*
km/h(kilometers per hour)	1.4~108.0	0.1	±3%±0.8km/h	*	
	0.3~90.0	0.1	±5%±1km/h		*
MPH(miles per hour)	0.9~67.0	0.1	±3%±0.4MPH	*	
	0.2~55.8	0.1	±5%±1MPH		*
Knots(nautical miles per hour)	0.8~58.0	0.1	±3%±0.4knots	*	
	0.2~48.5	0.1	±5%±1knots		*
Temperature°C	0 to 50.0°C	0.1	±1.0°C	*	*
Temperature°F	32.0 to 120.0°F	0.1	±2.0°F	*	*
Air Flow	Range	Resolution	Area	*	*
CFM(CFM-ft ³ /min)	0-999.900ft ³ /min	0.001~100	0-999.9ft ²	*	*
CMM(CMM-m ³ /min)	0-999.900m ³ /min	0.001~100	0-999.9m ²	*	*

Size(HxWxD): 210mm x 75mm x 50mm

Weight: 280g

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