DT-8920 Pressure and Flow Meter

8920 is a Pressure and flow meter simultaneously with an easy-to-read, large, backlit LCD display. Measurement data is printed on site with minimum and maximum values. It can Monitor air pressure across key HVAC components and Promote good indoor air quality, which Ensure proper air flow balance and Maintain a comfortable environment.

Features：

1.Larger LCD display with backlight.

2.Relative time clock on MAX MIN and AVG provides a time reference for measurement.

3.Pressure, velocity or air fl ow measurement provides Zero Adjust.

4.Display pressure, Air velocity or air fl ow plus environment

5.Temperature simultaneously.

6.Easy to calculate the area of a rectangular or circular duct.

7.USB interface, USB to UART Bridge Controller..

8.Low battery indication, and Auto Power Off mode (Sleep mode) increases.

Specifications:

Manometer			
Accuracy	±0.3%FSO (25°C)		
Repeatability	±0.2% (Max.±0.5% FSO)		
Linearity/Hysteresis	±0.29% FSO		
Pressure Range	±5000Pa		
Maximum Pressure	10psi		
Response Time	0.5 Seconds typical		
Over range Indicator	OL		
Under range Indicator	-OL		
	Units	Range	Resolution
	PSI	0.7252	0.0001
	mbar	50.00	0.01
	inH2O	20.07	0.01
	mmH2O	509.8	0.1
	Pa	5000	1
Air Velocity			
	Range	Resolution	Accuracy
m/s(meter per second)	1-80.000	0.001	±2.5% of reading at10.00m/s
ft/min(feet per minute)	200-15733	1	Accuracy is function
km/h(kilometers per hour)	3.5-288.0	0.1	of velocity

MPH(miles per hour)	2.25-178.66	0.01	and duct size
Knots(nautical miles per hour)	2.0-154.6	0.1	

Air Flow

	Range	Resolution
CFM	0-99.999ft3/min	0.0001 to 100
CMM	0-99.999m3/min	0.001 to 100

Temperature

	Range	Resolution	Accuracy
°C	0 to 50.0°C	0.1	±1.0°C
°F	32.0 to 122.0°F	0.1	±2.0°F