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.

CE
EMC
EN: 61326

Features

Larger LCD display with backlight.

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

Pressure, velocity or air flow measurement provides Zero Adjust.

Display pressure, Air velocity or air flow plus environment Temperature simultaneously.

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

USB interface, USB to UART Bridge Controller..

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

Model 8920

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
	inH$_2$O	20.07	0.01
	mmH$_2$O	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 at 10.00m/s
ft/min(feet per minute)	200-15733	1	Accuracy is function of velocity and duct size
km/h(kilometers per hour)	3.5-288.0	0.1	
MPH(miles per hour)	2.25-178.66	0.01	
Knots(nautical miles per hour)	2.0-154.6	0.1	

Air Flow

	Range	Resolution
CFM	0-99.999ft^3/min	0.0001 to 100
CMM	0-99.999m^3/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

Size(HxWxD): 212mm x 78mm x 51mm
Weight: 338g
Accessories :
9V battery, USB cable, software, pitot tube,
AC adaptor, Gift box with carrying case.

EASTERN ENERGY