

SERIES : BIPT-892131

*Velocity Measuring Kit/Stack & Duct
Velocity Instruments/Pitot tube
flowmeter*

Pressure And Flow Meter

BI-892 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.



It can measure in round & rectangular Duct using various type of pitot tube. Std. Pitot tube L type-300 MM long.

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

Pitot tube Model : PT-131
Flowmeter Model : BI-892



PITOT TUBE AVAILABLE L & S TYPE TILL 3 MTRS LONG

BI – 892/892B PRESSURE AND FLOW METER

Specification			
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		
Measurement	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 Pa (0.1 Pa only 8920B)
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	0-99999Ft3/min	0.0001 to 100	
CMM	0-99999m3/min	0.001 to 100	
Temperature			
	Range	Resolution	Accuracy
°C	0 to 50.0°C	0.1	± 1.0°C
°F	32.0to 122.0°F	0.1	±2.0°F
Size : (HXWXD) : 212mmX78mmX51mm Weight : 338g Accessories : 9V battery, USB Cable, Software, Pitot Tube, Gift box with carrying case			

Certificate : Copy Of Master Traceable Certificate (From NABL Accredited Lab with our Calibration & Guarantee Certificate will be issued.

**OPTIONAL METER (ECONOMICAL) CAN BE USE WITH
PITOT TUBE.**



**MODEL NO. : PBM – UT
MANOMETER**



**MODEL NO. : BI-777
ANALOGUE FLOW METER**



**MODEL NO. : 10-DM
DIGITAL MANOMETER**



**MODEL NO. : 10-IM
INCLINED +VERTICAL
INCLINED RANGE : -10TO50 PA X 2PA
VERTICAL RANGE : 50 TO 700 PA X 20 PA**

Manufactured & Marketed By :

M/S. Bombay Instrument Mfg. Co.

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