

## Pitot Tube Anemometer + Differential Manometer



**Pitot Tube measures Air Velocity/Airflow**  
*In difficult-to-reach or tight locations where a vane anemometer won't fit*

### Features:

- Simultaneous display of Pressure, Air Velocity or Air Flow plus Temperature
- $\pm 0.7252$ psi range
- 5 selectable units of pressure measurement
- Max/Min/Avg recording and Relative time stamp
- Data Hold and Auto power off functions
- Large LCD display with backlighting
- Zero function for offset correction or measurement
- Store/Recall up to 99 readings in each mode
- USB port includes software
- Includes Windows<sup>®</sup> compatible software with cable, 9V battery, pitot tube with two 33.5" (85cm) connection hoses, and hard carrying case



Unique Pitot tube sensor used for measuring air velocity, airflow, and pressure in vents, ducts and other small openings.

USB port includes PC Software

Specifications	Range	Max Resolution	Basic Accuracy
<b>Pressure</b>			
psi	0.7252psi	0.0001psi	$\pm 0.3\%$ FS
mbar	50.00mbar	0.01mbar	$\pm 0.3\%$ FS
inH <sub>2</sub> O	20.07inH <sub>2</sub> O	0.01inH <sub>2</sub> O	$\pm 0.3\%$ FS
mmH <sub>2</sub> O	509.8mmH <sub>2</sub> O	0.1mmH <sub>2</sub> O	$\pm 0.3\%$ FS
Pa	5000Pa	1Pa	$\pm 0.3\%$ FS
Repeatability	$\pm 0.2\%$ (Max. $\pm 0.5\%$ FS)		
Linearity/Hysteresis	$\pm 0.29$ FS		
Maximum Pressure	10psi		
Response Time	0.5s typical		
<b>Air Velocity</b>			
ft/min	200 to 15733	1	$\pm (1\%FS + 5d)$ @ 984.2 to 1968.5 ft/m
m/s	1 to 80.00	0.01	$\pm (1\%FS + 5d)$ @ 5 to 10.0 m/s
km/h	3.5 to 288.0	0.1	$\pm (1\%FS + 5d)$ @ 17.9 to 36.0 km/h
MPH	2.25 to 178.66	0.01	$\pm (1\%FS + 5d)$ @ 11.2 to 22.4 MPH
knots	2.0 to 154.6	0.1	$\pm (1\%FS + 5d)$ @ 9.7 to 19.4 knots
<b>Air Flow</b>			
CFM	0 to 99,999	0.001	$\pm 3\%$ rdg
CMM	0 to 99,999	0.001	$\pm 3\%$ rdg
<b>Temperature</b>			
$^{\circ}F$	32.0 to 122.0 $^{\circ}F$	0.1 $^{\circ}$	$\pm 3^{\circ}F$
$^{\circ}C$	0 to 50 $^{\circ}C$	0.1 $^{\circ}$	$\pm 1.5^{\circ}C$
<b>Dimensions/Weight</b>			
Meter:	8.2 x 2.9 x 1.9" (210 x 75 x 50mm) / 12oz (340g)		
Pitot Tube:	15.4 x 7.7" (390 x 195mm) / 7.2oz (204g)		

### Ordering Information:

HD350 .....Pitot Tube Anemometer + Differential Manometer

