

# 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



USB port includes PC Software

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

Specifications	Range	Resolution	Accuracy
Pressure			
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	0.01mmH <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		
Air Velocity			
ft/min	200 to 15733	1	$\pm 3\%$ rdg
m/s	1 to 80.00	0.01	$\pm 3\%$ rdg
km/h	3.5 to 288.0	0.1	$\pm 3\%$ rdg
MPH	2.25 to 178.66	0.01	$\pm 3\%$ rdg
knots	2.0 to 154.6	0.1	$\pm 3\%$ rdg
Air Flow			
CFM	0 to 99,999	0.001	$\pm 3\%$ rdg
CMM	0 to 99,999	0.001	$\pm 3\%$ rdg
Temperature			
°F	32.0 to 122.0°F	0.1°	$\pm 2^\circ$ F
°C	0 to 50°C	0.1°	$\pm 1^\circ$ C
Dimensions/Weight			
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

