



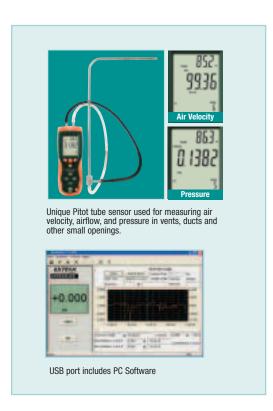
## **Pitot Tube Anemometer + Differential Manometer**

## 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
- ±0.7252psi 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® compatible software with cable,
  9V battery, pitot tube with two 33.5" (85cm) connection hoses, and hard carrying case





Specifications	Range	Max Resolution	Basic Accuracy
Pressure			
psi	0.7252psi	0.0001psi	±0.3%FS
mbar	50.00mbar	0.01mbar	±0.3%FS
inH <sub>2</sub> 0	20.07inH <sub>2</sub> 0	$0.01 \text{inH}_2 \text{O}$	±0.3%FS
mmH <sub>2</sub> 0	509.8mmH <sub>2</sub> 0	0.1mmH <sub>2</sub> 0	±0.3%FS
Pa	5000Pa	1Pa	±0.3%FS
Repeatability	±0.2% (Max. ±0.5%FS)		
Linearity/Hysteresis	±0.29FS		
Maximum Pressure	10psi		
Response Time	0.5s typical		
Air Velocity			
ft/min	200 to 15733	1	±(1%FS + 5d) @ 984.2 to 1968.5 ft/r
m/s	1 to 80.00	0.01	±(1%FS + 5d) @ 5 to 10.0 m/s
km/h	3.5 to 288.0	0.1	±(1%FS + 5d) @ 17.9 to 36.0 km/h
MPH	2.25 to 178.66	0.01	±(1%FS + 5d) @ 11.2 to 22.4 MPH
knots	2.0 to 154.6	0.1	±(1%FS + 5d) @ 9.7 to 19.4 knots
Air Flow			
CFM	0 to 99,999	0.001	±3% rdg
CMM	0 to 99,999	0.001	±3% rdg
Temperature			
°F	32.0 to 122.0°F	0.1°	±3°F
°C	0 to 50°C	0.1°	±1.5°C
Dimensions/Weight			

## **Ordering Information:**

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

