DPR400 *Pitot Tube Anemometer*

Simultaneously display Pressure, Air Velocity, or Air Flow plus Temperature

Features:

- Measurements are viewed on the large backlit LCD display

- Use one input to measure the gauge pressure of a single source

- Use both inputs to measure the differential pressure between two points

- Duct shape and parameter settings for airflow measurement are recalled at power up

- Zero display adjust for all three modes

- Store/Recall up to 99 readings in each mode

- Stored readings can be downloaded via USB interface to your PC using the included software

- Real time Data Acquisition for viewing and storing readings directly on your PC

- Min/Max/AVG records highest, lowest and average readings with relative time stamp

- Data Hold momentarily freezes the displayed reading for easy viewing

- Low battery indicator

- Auto power off with disable\

- Optional model complete with Certificate of Traceability to N.I.S.T.

- Includes pitot tube, 2 connection hoses (33.5" (850mm)) (inner dia. 0.2" (5mm)/outer dia. 0.4" (9mm)), software, 9V battery, and hard carrying case

- 2 year warranty

Applications:

HVAC System installation and maintenance, cleanrooms, kitchen exhaust systems, wind power monitoring, construction, sailing/boating, vehicle aerodynamics

Use one input to measure gauge pressure of a single source. Use both inputs to measure the differential pressure between two points of a single source or between 2 sources revealing which input has the higher pressure and the difference between them

Specifications

Manometer	Range (resolution)
	0.7252psi (0.0001psi)
	50.00mbar (0.01mbar)
	20.07inH2O (0.01inH2O)
	509.8mmH2O (0.1mmH2O)
	5000Pa (1Pa)
Accuracy	±0.3% FSO
Max. Pressure	10psi
Air Velocity	Range (resolution)
	200 to 15733ft/min (1ft/min)
	1.00 to 80.00m/s (0.01m/s)
	3.6 to 288.0km/h (0.1km/h)
	2.24 to 178.66mph (0.01mph)
	2.0 to 154.6 knots (0.1 knots)
Accuracy	±2.5%
Air Flow	Range (resolution)
	0 to 99.999CFM (0.0001CFM)
	0 to 99.999CMM (0.001CMM)
Air Temperature	32 to 122°F/0 to 50°C (0.1°F/°C)
Accuracy	±2°F/1°C
PC Interface	USB
Data Acquisition	Real-Time data viewed on your PC
Power	9V battery
Meter Dimensions	8 x 3 x 2" (203 x 75 x 50mm)
Weight	10.6oz (300g)
Pitot Tube Dimensions	13 x 8" (329 x 201mm)
Pitot Tube Diameter	0.3" (8mm)
Weight	5.3oz (150g)

Ordering Information:

DPR400   Pitot Tube Anemometer

DPR400-NIST   DPR400 Including Certificate of Traceability to N.I.S.T.

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