



DATALOGGING HOTWIRE CFM ANEMOMETER 840002

Automatically records up to 16,000 (!) data points in the field along with time and date. These can later be downloaded to a computer via the meter's RS232 port and the results viewed instantly on software which comes with the unit. The software also enables real time data logging directly from the meter to the computer. The microprocessor calculates air volume (CFM) as well as air velocity and min-max and simultaneously displays air temperature in °C or °F. Also reads type-K or J thermocouple probes. Features a calendar/clock, auto power off, and hold functions. This well made unit has detachable probe, fold-out tripod and a large easy to read LCD. Comes ready to use in a protective foam lined carrying case complete with telescopic hot-wire anemometer probe, software, RS232 computer connection cable, 4 AA batteries, and a 3V button cell battery. Meter dim: 7 3/4" x 3" x 1 1/2" (200 x 76 x 37mm). Weight: 31oz (515g).

Air Volume	Range	Resolution	Area
CMM (m3/min)	0 ~ 36,000	0.001 ~ 1	0.001 ~ 30
CFM (ft3/min)	0 ~ 1,271,200	0.01 ~ 100	0.01~ 322.91
Air Velocity			Accuracy
M/s	0.2 ~ 20.0	0.1	±(5%+*) rdg or ±(1% +* fs) *= 0.1/ms, 0.1 km/h, 0.1 mile/h, 0.1 knot, 10 ft/min
Km/h	0.7 ~ 72.0		
Mile/h	0.5 ~ 44.7		
Knots	0.4 ~ 38.8		
Ft/min	40 ~ 3940	1	±(2%+ 20 ft/min)
Air Temperature			
Temp°C	0 ~ 50°C	0.1°	0.8°C
Temp°F	32 ~ 122°F		1.5°F
Thermocouple Probes			
Type K	-58 ~ 2372°F -50 ~ 1300°C	0.1°	±(0.2% + 1°F) ±(0.2% + 0.5°C)
Type J	-58 ~ 2012°F -100 ~ 1100°C		±(0.2% + 1.8°F) ±(0.2% + 1°C)

OPTIONAL ACCESSORIES

- 840090 Water Resistant Instrument Pouch
- 840092 Bench-Top Tripod
- 840093 Field Tripod
- 840094 USB Cable
- 840097 AC Adaptor
- 850080 Software

