

ANEMOMETER WITH REAL TIME DATA LOGGER

HHF2005



HHF2005 shown smaller actual size.

- ✓ Real Time Data Logger Records Year, Month, Date, Hour, Minute and Second—Up to 16,000 Records
- ✓ Heavy Duty Metal Vane Gives Very Accurate Low and High Velocity Air Measurements
- ✓ Battery Powered Meter Includes Hard Carrying Case for Easy Portability
- ✓ Jumbo LCD with Multiple Displays Can be Adjusted for Brightness
- ✓ Adjustable Sampling Time and Data Hold Features
- ✓ Accepts Type J or K Thermocouple



The HHF2005 anemometer with real time data logger has multiple features and an RS232 computer interface that make it suitable to use in a variety of HVAC applications, such as environmental testing, flow hoods and wind speed measurements. What sets the HHF2005 apart from other anemometers is that it

incorporates a real-time data logger that can store up to 16,000 entries. The HHF2005 measures velocity and air temperature, and has an input probe socket that accepts a Type J or K thermocouple that can be used as a highly accurate thermometer. By entering the area into the instrument and measuring the velocity, the HHF2005 can even

determine the volume of air flow. The integrated thermistor provides fast and accurate readings—at low or high velocities. For added convenience, the HHF2005 is battery powered, has auto power off and low battery warning features. A hard carrying case is included to make portability simple.



Hard carrying case, operators manual, and 4 "AA" batteries included.

SPECIFICATIONS

Display Units: m/s, km/h, mile/h, knot, ft/min, CMM, CFM, °C, °F

Operating Temperature: 0 to 50°C (32 to 122°F)

Maximum Humidity: Less than 80% relative humidity (non-condensing)

Sampling Time: 2 sec to 8 hours, 59 min, 59 sec

Power Supply: 4 "AA" batteries (included)

Current: Approx 21.5 mA dc (27.5 mA dc with vane)

Weight: Approx 515 g (1.13 lb)

Dimensions:

Instrument: 203 x 76 x 38 mm (8.0 x 3.0 x 1.5")

Metal Vane: 72 mm (2.8") diameter

LCD Display: 58 x 34 mm (2.3 x 1.3")

Measurement	Range	Resolution	Accuracy
m/s	0.4 to 30.0 m/s	0.1 m/s	±10% +1 lsd
km/hr	1.4 to 108.0 km/hr	0.1 km/hr	
mile/hr	0.9 to 67.0 mile/hr	0.1 mile/hr	
knot	0.8 to 58.3 knot	0.1 knots	
ft/min	80 to 5910 ft/min	1 ft/min	
Air temp (°C)	0 to 50°C	0.1°C	± 0.8°C
Air temp (°F)	32 to 122°F	0.1°F	± 1.5°F
Thermometer (Type J thermocouple)	-100.0 to 1100°C	0.1°C	± (0.2% + 0.5°C)
	-50.1 to -100°C		± (0.2% + 1°C)
	-58.0 to 2012°F	0.1°F	± (0.2% + 1°F)
-58.1 to -148°F	± (0.2% + 1.8°F)		
Thermometer (Type K thermocouple)	-50.0 to 1300°C	0.1°C	± (0.2% + 0.5°C)
	-50.1 to -100°C		± (0.2% + 1°C)
	-58.0 to 2372°F	0.1°F	± (0.2% + 1°F)
	-58.1 to -148°F		± (0.2% + 1.8°F)

Measurement	Range	Resolution	Area
CMM	0 to 54,000 CMM	0.001-1 CMM	0.001 to 30.0 m ²
CFM	0 to 1,908,300 CFM	0.01-100 CFM	0.01 to 322.91 ft ²

To Order

Model No.	Description
HHF2005	Vane anemometer with data logger
HHF2005-RP	Replacement vane for HHF2005
SWCABLE	Data logging software for the HHF2005 series with cables
MN1500-4	4 "AA" replacement batteries

Comes complete with operator's manual, 4 "AA" batteries and hard carrying case.

Ordering Example: HHF2005, vane anemometer with data logger.