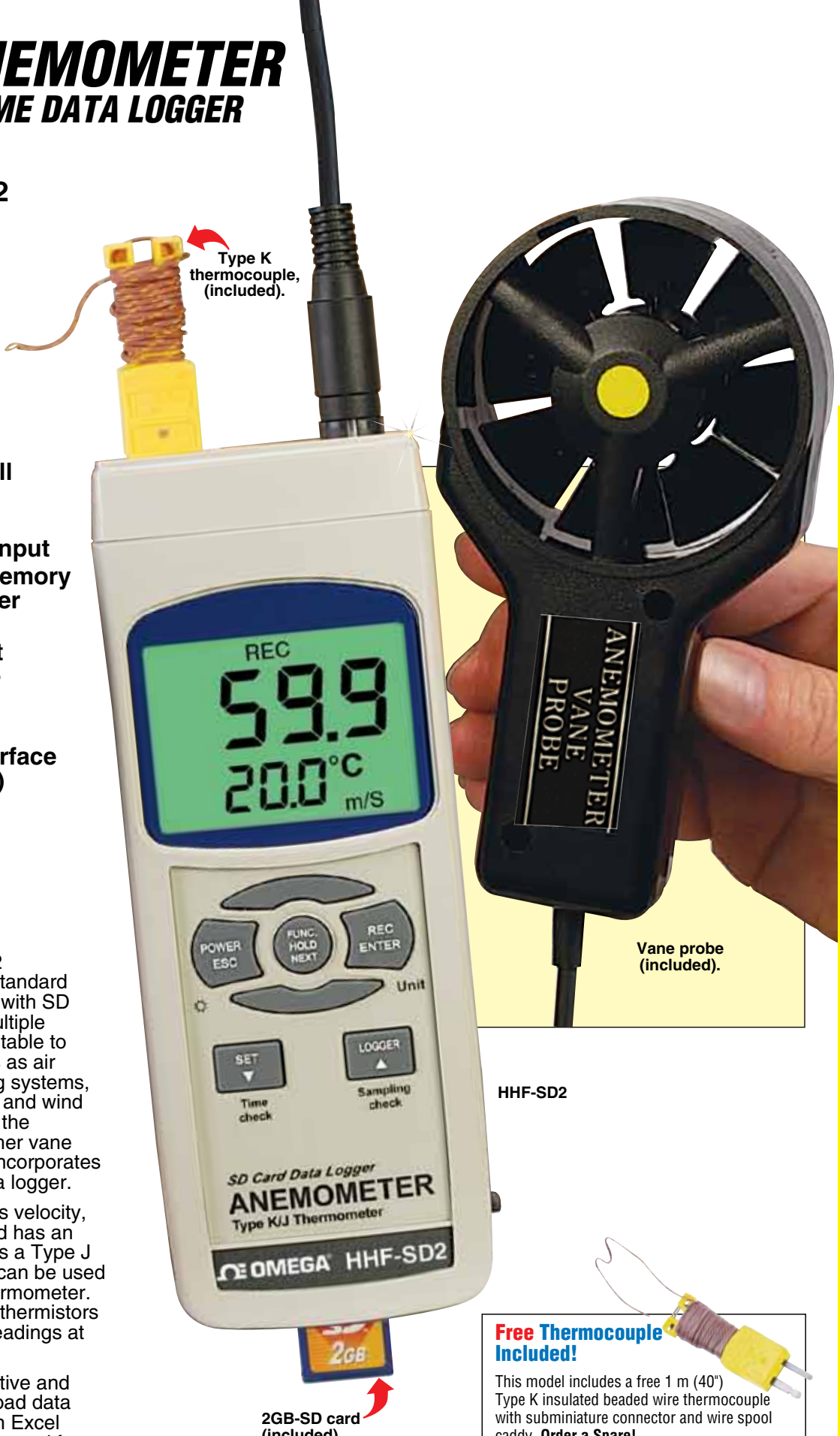
VANE ANEMOMETER
WITH REAL TIME DATA LOGGER

HHF-SD2

1 YEAR WARRANTY

- Low Friction Ball Bearing Vane
- Type K or J Thermocouple Input
- Real Time SD Memory Card Data Logger
- LCD with Green Backlight
- Velocity and Air Temperature Measurements
- RS232/USB Interface (Optional Cable)



HHF-SD2

The OMEGA® HHF-SD2 combination vane and standard thermistor anemometer with SD card data logger has multiple features that make it suitable to use in such applications as air conditioning and heating systems, measuring air velocities and wind temperature. What sets the HHF-SD2 apart from other vane anemometers is that it incorporates a real-time SD card data logger.

The HHF-SD2 measures velocity, and air temperature, and has an input socket that accepts a Type J or K thermocouple that can be used as a highly accurate thermometer. The vane and standard thermistors provide high accurate readings at high velocities.

The HHF-SD2 is innovative and easy to operate. Download data from the SD card into an Excel spreadsheet without the need for special software.

Free Thermocouple Included!

This model includes a free 1 m (40") Type K insulated beaded wire thermocouple with subminiature connector and wire spool caddy. **Order a Spare!**
Model No. SC-GG-K-30-36.

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HHF-SD2 comes complete with hard carrying case, Type K thermocouple, vane probe, 2 GB SD card, and operator's manual.

SPECIFICATIONS

Display: 52 x 38 mm (2.05 x 1.50") LCD with green backlight (on/off)
Measurement Units:
Velocity: m/s, km/h, ft/min, knots, mile/hr
Temperature: ºC or ºF
Sampling Time:
Auto: 1 to 3600 seconds
Manual: Push the data logger button once, will save data one time
Memory Card: SD memory card (with optional SD card)
Temperature Compensation: Automatic
Display Update: At 1 second
Data Output:
RS232: With optional cable/software
USB: With optional cable/software
Operating Temperature: 0 to 50ºC (32 to 122ºF)
Operating Humidity: Less than 85% RH
Power: 6 "AAA" alkaline or heavy-duty batteries (included), or 9V power adaptor (optional)
Current Draw: 15 mA DC (without SD card or backlight), 36 mA (all functions)
Weight: 515 g (1.13 lb)
Dimensions:
Instrument: 203 L x 76 W x 38 mm D (8 x 3 x 1.50")
Probe: 72 mm dia (2.83")
Air Temperature:
Measuring Range: 0 to 50ºC (32 to 122ºF)
Resolution: 0.1ºC (0.1ºF)
Accuracy: ±0.8ºC (1.5ºF)

Measurement	Range	Resolution	Accuracy (Reading)
m/s	0.4 to 25.0 m/s	0.1 m/s	±(2% + 0.2 m/s)
km/h	1.4 to 90.0 km/h	0.1 km/h	±(2% + 0.8 km/s)
mph	0.9 to 55.9 mph	0.1 mph	±(2% + 0.4 mph)
knot	0.8 to 45.6 knot	0.1 knot	±(2% + 0.4 knots)
ft/min	70 to 4921 ft/min	1 ft/min	±(2% + 40 fpm)

Note: *m/s = meters per second, km/h = kilometers per hour, ft/min = feet per minute, mile/h = miles per hour, knot = nautical miles per hour (international knot)*

Type K/J Thermometer (Sensor Sold Separately)

Sensor	Resolution	Range	Accuracy
K	0.1ºC	-50 to 1300ºC	±(0.4% + 0.5ºC)
		-50.1 to -100ºC	±(0.4% + 1ºC)
	0.1ºF	-58 to 2372ºF	±(0.4% + 1ºF)
		-58.1 to -148ºF	±(0.4% + 1.8ºF)
J	0.1ºC	-50 to 1200ºC	±(0.4% + 0.5ºC)
		-50.1 to -100ºC	±(0.4% + 1ºC)
	0.1ºF	-58 to 2192ºF	±(0.4% + 1ºF)
		-58.1 to -148ºF	±(0.4% + 1.8ºF)

To Order

Model No.	Description
HHF-SD2	Data logging vane anemometer with SD card

Accessories

Model No.	Description
HHF-SD1-RP	Replacement hot wire probe
SW-U101-WIN	Software for data logging from meters, with USB and RS232 cables
HC-SD	Replacement hard carrying case
SC-SD	Soft carrying case
ADAPTER-SD	AC adaptor
USB-SD	Spare USB cable (SW-U101-WIN software required)
RS232-SD	Spare RS232 cable (SW-U101-WIN software required)
2GB-SD	Spare 2 GB SD memory card

Comes complete with vane probe, hard carrying case, 2 GB SD card, Type K thermocouple, 6 "AAA" batteries and operator's manual.
Ordering Example: HHF-SD2, *data logging vane anemometer with SD card, and* ***USB-SD,*** *USB cable.*