

Records air speed, air temperature, relative humidity, light and thermocouple temperature onto removable SD cards.

Features a 4-parameter environmental probe and also accepts standard type K or J thermocouple probes. Records data onto standard SD memory cards. The removable SD card is easy to transport and insert into a computer's memory card slot or SD card reader. Uploads pre-formatted data to Excel, without the need for additional software and cables. Each data set includes the parameter being measured, time and date. Features min/max, auto power off, low battery indicator and hold function. Extremely accurate with fast response times, includes a fold-out tripod and large, easy-to-read backlit LCD. Comes ready to use in a soft carrying case complete with a detachable probe, 6 AA batteries, instruction manual and an SD card. Uses optional USB Power Cable (840058) or AC Adapter (840097). N.I.S.T. Traceable Calibration Report available (for Air Temperature & RH only).



DIM: METER: 7" x 2¾" x 1¾" (178 x 70 x 44 mm). WEIGHT: 16.9 oz (479 g).

No.	Description
850071	Environmental Quality SD Card Logger
850071C	Environmental Quality SD Card Logger Calibrated
840058	USB Power Cable
840097	AC Adapter
840059	2GB SD Card
840090	Water Resistant Instrument Pouch
840093	Field Tripod



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	Range	Resolution	Accuracy
Ambient °F	32 to 122°F	0.1	±1.5°F
Ambient °C	0 to 50°C		±0.8°C
Type K °F	-58 to 2372°F		±(0.4% + 1.8°F)
Type K °C	-50 to 1300°C		±(0.4% + 1°C)
Type J °F	-58 to 2192°F		±(0.4% + 1.8°F)
Type J °C	-50 to 1200°C		±(0.4% + 1°C)
RH	0 to 95%		≥ 70% RH: ±(3%RDG + 1% RH) < 70% RH: ± 3% RH
Airspeed m/s	0.4 to 25.0		±(0.2% + 0.2 m/s)
Airspeed km/h	1.4 to 90.0		±(0.2% + 0.8 km/h)
Airspeed mile/h	0.9 to 55.9		±(0.2% + 0.4 mph)
Airspeed knots	0.8 to 48.6		±(0.2% + 0.4 knots)
Airspeed ft/min	80 to 4930		1
Lux	0 to 20,000	0.1	±(5% + 8D)
Foot Candle	0 to 1,860		