



## ENVIRONMENTAL QUALITY METER 850071

Using interchangeable probes this versatile meter reads airspeed, temperature, RH, and light. The user can order probes for only the parameters currently required and add additional probes in the future. Intelligent probes electronically retain calibration information.


No recalibration is required when changing probes. The display simultaneously reads temperature in user selectable °C & °F and all measurements are automatically temperature compensated. RS-232 port enables communication with a computer. Also features auto power off, hold and min-max. Fold out easel back and a tripod screw. Comes with 9V battery and a hard-shell foam-lined carrying case with room for one or two probes.


Dim: (main unit): 7¾" x 2½" x 1" (195 x 68 x 30 mm).


Weight: (main unit): 8.8 oz (250 g).


## OPTIONAL ACCESSORIES


- 840090 Water Resistant Instrument Pouch
- 840092 Bench-Top Tripod
- 840093 Field Tripod
- 850080 Software
- 840057 RS-232 Cable


Thermocouple Probes		Range	Resolution	Accuracy
	Type K	-58 ~ 2372°F -50 ~ 1300°C	0.1	±0.2% +1°C, 1.8°F fs
	Type J	-58 ~ 2102°F -50 ~ 1150°C		

Anemometer Probe 850072				
	M/s	0.4 ~ 25.0	0.1	±2% +2d fs
	Km/h	1.4 ~ 90.0		
	Mile/h	0.9 ~ 55.9		
	Knots	0.8 ~ 48.6		
	Ft/min	80 ~ 4930	1	±2%+20 ft/min
	°C	0 ~ 50	0.1	±0.8°
	°F	32 ~ 122		±1.5°

Mini Extension Anemometer Probe 850073				
	M/s	0.4 ~ 12.0	0.1	±2% +0.2d fs
	Km/h	1.4 ~ 43.2		
	Mile/h	0.9 ~ 26.8		
	Knots	0.8 ~ 23.3		
	Ft/min	80 ~ 2358	1	±2%+20 ft/min
	°C	0 ~ 50	0.1	±0.8°
	°F	32 ~ 122		±1.5°

Humidity Probe 850074, with N.I.S.T tracable certificate of calibration 850074C				
	RH	10% ~ 95%	0.1%	>70%RH ±5%rdg +1%RH <70%RH ±5%RH
	°C	0 ~ 50	0.1	±0.8°
	°F	32 ~ 122		±1.5°

Light Probe 850075, with N.I.S.T tracable certificate of calibration 850075C				
	Lux	2,000	1	±5%rdg +2d
	Lux	20,000	10	
	Lux	50,000	100	
	Ft-Candle	200	0.1	
	Ft-Candle	2,000	1	
	Ft-Candle	5,000	10	

IR Temperature 850076 D/S 7:1 Emissivity 0.95				
	°C	-10 ~ 300	1	±3%rdg or ±3°C which ever is greater.
	°F	14 ~ 572		