DT-859A/859B

Professional Multifunction Environment Meters

CEM

4 in 1 Multifunction Environment Meter

CE
EMC
EN: 61326

| CFM CMM Air Flow | Temperature | 0~100% RH | dB 35~100 dB | LUX FC Light (LUX/FC) |
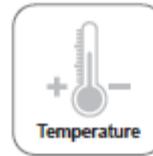
4 in 1 Multifunction Environment Meter

Model 859A

Model 859B

The digital Multifunction Environment Meter has been designed to combine the functions of Sound Level Meter, Light Meter, Humidity Meter Temperature Meter and CFM/CMM Thermo-Anemometer (859B 5in1). It is an ideal Multifunction Environment Meter Instrument with scores of practical applications for professional and home use.

- The Sound level function can be used to measure noise in factories, schools, offices, home, etc, checking acoustics of studios, auditoriums and hi-fi installations.
- The Light function is used to measure luminance in the field. It is fully cosine corrected for the angularincidence of light. The light sensitive component used in the meter is a very stable, long, life silicon diode.
- The Humidity/Temperature uses a humidity/semiconductor sensor and K type thermocouple.
- CFM/CMM Thermo-Anemometer is suitable for use in a wide variety of applications, including plant maintenance operations, environmental analysis, fume hood testing, and HVAC system assessment

Features

Larger LCD display with backlight.

Relative time clock on MAX MIN and AVG provides a time reference for measurement.

Display Sound, Light, Type K Temperature plus Humidity & Temperature simultaneously.

USB interface, USB to UART Bridge Controller..

Low battery indication, and Auto Power Off mode (Sleep mode) increases.

Size(HxWxD): 248mm x 65mm x 45mm
Weight: 365g

Specifications

Function	Range:	Resolution	Accuracy	859A	859B
Type K Temp	-200°C to 1372°C (-328°F to 2501°F)	0.1°	Above -100°C (-148°F) ±[0.15%rgd+1°C(1.8°F)] Blow -100°C (-148°F) ±[0.5%rgd+2°C(3.6°F)]	*	*
Air Temp	-30°C~100°C (-22°F~199°F)	0.1°	±1°C/1.8°F	*	*
Humidity	0~100%RH	0.1%RH	±3.5%RH	*	*
Sound Level	30dB~130dB	0.1dB	±3.5dB	*	*
Light	20,200,2000, 20000Lux	0.01,0.1,1,10Lux	±5% ±10d	*	*
Anemo	0.40-30.00 m/s	0.01 m/s	±3% ±0.20 m/s		
	80-5900 ft/min	1 ft/min	±3% ±40 ft/min		
	1.4-108.0 km/h	0.1 km/h	±3% ±0.8 km/h		*
	0.9-67.0 MPH	0.1 MPH	±3% ±0.4 MPH		
	0.8-58.0 Knots	0.1 knots	±3% ±0.4 knots		
Air Flow	0-999,900 CFM	0.001 to 100 CFM	Accuracy is function of velocity and area		*
	0-999,900 CMM	0.001 to 100 CMM			

Accessories :
9V battery, K-type temperature probe, %RH probe, dB probe, Anemo probe, photo detector and gift box with carrying case.