

Lutron LM-8000 4 IN 1 PROFESSIONAL INSTRUMENT



- **4 in 1** professional measuring instrument: Anemometer, Hygrometer, Thermometer and Light meter
- **Tiny bone shape** with lightweight and small size case design are suitable for handling with one hand
- **Wristlet design** provides extra protection to the instrument especially for user one hand operation
- **Low-friction ball vane wheels** design provides high accuracy at high and low air velocity
- **Exclusive photo diode** and color correction filter light sensor, spectrum meets C.I.E. photopic
- **High precision thin-film** capacitance humidity sensor with fast response to the humidity variety
- **Standard type K** (NiCr-NiAl) thermocouple outlet suitable for all kinds of type K probe
- **Built-in** microprocessor circuit assures excellent performance and accuracy
- **Concise and compact** buttons arrangement, easy operation
- **Memorize** the maximum and minimum value with recall
- **°C/°F selectable** by pressing button on the front panel
- **Lux/Foot-Candle selectable** by pressing button on the front panel
- **Air velocity measuring units** selectable by pressing button on the front panel for five kinds of units
- **Multi channels display** for relative humidity and temperature measured values or air velocity and temperature measured values at the same times
- **Zero button** design makes light meter calibration
- **Hold function** to freeze the current reading value
- **Supplied with** operating manual

SPECIFICATIONS

Display:	LCD display, 8 mm digit height
Measurement:	Anemometer, Humidity, Temperature, Light



Operating temperature:	0 to 50°C (32 to 122°F)
Operating humidity:	max. 80% RH
Over input display:	Indication of "----"
Power supply:	006P DCa 9V battery (Heavy Duty Type)
Power consumption:	approx DC 6.2 mA
Dimension:	156 x 60 x 33 mm (6.14 x 2.36 x 1.29 inch)
Weight:	160 gr. battery included

ELECTRICAL SPECIFICATIONS (23°C ±5°C)

Measurement		Range	Resolution	Accuracy
Air velocity	ft/min	80 - 5910 ft/min	1 ft/min	< 20 m/s: ±3% FS > 20 m/s: ±4% FS
	m/s	0.4 - 30.0 m/s	0.1 m/s	
	km/h	1.4 - 108.0 km/h	0.1 km/h	
	MPH	0.9 - 67.0 mile/h	0.1 MPH	
	knots	0.8 - 58.3 knots	0.1 knots	
	Temperature (Thermistor)	32 - 122°F 0 - 50°C	0.1°F 0.1°C	±2.5°F ±1.2°C
Humidity	% RH	10 - 95% RH	0.1% RH	< 70% RH: ±4% RH > 70% RH: ±(4%rdg + 1.2% RH)
	Temperature (Thermistor)	32 - 122°F 0 - 50°C	0.1°F 0.1°C	±2.5°F ±1.2°C
Light	Lux	0 - 20,000 Lux	1 Lux	±5% rdg ±8dgt
	Ft-cd	0 - 2,000 Fc	1 Ft-cd	
Temperature (type K)		-148 ~ 2372° F	0.1°F	±(1% rdg + 2°F)
		-100 ~ 1300° C	0.1°C	±(1% rdg + 1°C)

OPTIONAL ACCESSORIES

CA-52A	Carrying case with sash
	Termocouple probe type K (-40 ~ 250°C / -40 ~

Tehran, Tehransar

پتروفرهان گستر جنوب



TP-01

482°F)

TP-02A

Termocouple probe type K (-50 ~ 900°C / -50 ~ 1650°F)

TP-03

Termocouple probe type K (-50 ~ 1200°C / -50 ~ 2200°F)

TP-04

Surface probe type K (-50 ~ 400°C / -50 ~ 752°F)

+982165565901

+982144584619

+989034119385

پتروفرهان گستر جنوب

FGJ-NDT.IR

DIGINDT.IR