Seperate probe

INFRARED THERMOMETER

Model : TM-908   *ISO-9001, CE, IEC1010*

Lutron

LUTRON ELECTRONIC

The Art of Measurement

separate probe
NON-CONTACT INFRARED THERMOMETER
Model : TM-908

FEATURES	
* Non-contact temperature measurement, wide range from - 10 ℃ to 300 ℃ (14 ℉ to 572 ℉), wide temperature measuring for general applications.	* Super large LCD display, easy readout.
	* Heavy duty & compact housing case.
	* Records Maximum and Minimum reading with RECALL.
* 0.1 ℃/0.1 ℉ resolution.	* Data hold.
* ℃, ℉ display unit, select by front push button.	* Auto shut off saves battery life.
* Emissivity adjustment from 0.1 0 to 0.95,	* Operates from OO6P DC 9V battery.
* A factory preset emissivity value to 0.95, which will cover 90% of a typical application.	* Build the RS 232 serial interface output. If the meter connect the Personal Computer via the RS-232 cable & install the software, then whole system will be used as the "DATA LOGGER", "DATA RECORDER" or other kinds modern temperature measuring system.
* Microprocessor circuit assures maximum possible accuracy, provides special functions & features.	
* Separate probe, easy operation. & remote measurement.	

GENERAL SPECIFICATIONS				
Circuit	Custom one-chip of micro-processor LSI circuit.		Memory Recall	Records maximum and minimum readings with RECALL.
Display	13 mm(0.5") Super large LCD.			
Resolution/ ranges	1℃	-10 ℃ to 300 ℃	Operating Temp.	0 ℃ to 50 ℃ (32 ℉ to 122 ℉).
	1℉	14 ℉ to 572 ℉	Operating Humidity	Less than 80% RH.
	0.1℃	-10.0 ℃ to 110.0 ℃		
	0.1℉	14.0 ℉ to 230.0 ℉	Power Supply	006P DC 9V battery (Heavy Duty Type) or equivalent.
Accuracy	± 2 % of reading or ± 2℃ (3 ℉), which ever is greater. * Within 23± 5 ℃ ambient operating temp. & a known blackbody emissivity).		Power Current	Approx. DC 4.8 mA.
			Weight	370 g/0.82 LB.
			Dimension	Main instrument: 180 x 72 x 32 mm (7.1 x 2.8 x1.3 inch).
Emissivity Setting	0.10 to 0.95, A factory preset emissivity value to 0.95, which will cover 90% of atypical application.			Sensor probe : 148 x 36 x 36 mm .
			Accessories included	Instruction manual...........1 PC. IR Sensor probe...............1 PC. Carrying Case...................1 PC.
Temp. Sensor	Thermocouple pie.			
Measurement Wave length Region	6 to 12 micro meter.		Optional	RS-232 cable, Model : UPCB-01
Distance Factor	D/S : Approx. 7:1. D - Distance, S - Spot.			USB cable, Model : USB-01
Sampling Time	Approx. 1 sec.			Application Software, SW-U801-WIN
Data Output	RS 232 PC serial interface.			

OPERATIONAL ACCESSORIES	
RS-232 cable, Model : UPCB-01	RS232 cable, used for connecting the IR Thermometer & the Personal computer (com port)
USB cable, Model : USB-01	USB cable, used for connecting the IR Thermometer & the Personal computer (usb port).
Application Software SW-U801-WIN	After setup whole hardware (IR thermometer + RS-232 cable/USB cable + Personal Computer + the software (SW-U801-WIN), the whole system can execute as a data logger, data record. Data can be retrieved for EXCEL.