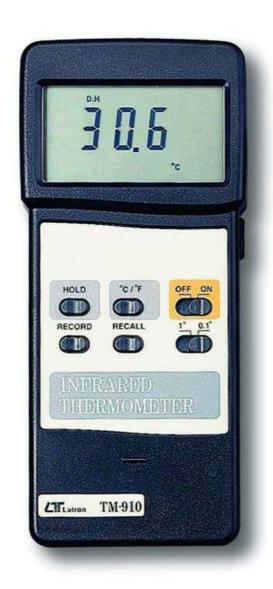
NARROW SPOT INFRARED THERMOMETER

Model: TM-910 *ISO-9001, CE, IEC1010*











The Art of Measurement

seperate probe

NARROW SPOT INFRARED THERMOMETER

Model : TM-910

FEATURES				
* Useful instrument to measure the surface temperature of small size & narrow spot target, such as IC, transistor, coil, transformer	* Separate probe, easy operation. & remote measurement.* Super large LCD display, easy readout.			
* Non-contact temperature measurement, wide range from - 10 °C to 300 °C (14 °F to 572 °F), wide temperature measuring for general applications.	* Heavy duty & compact housing case. * Records Maximum and Minimum reading with recall. * Data hold.			
* 0.1 °C/0.1 °F resolution. * °C, °F display unit, select by front push button. * Emissivity value can adjust from 0.10 to 0.95. A factory preset emissivity value to 0.95, which will cover 90% of a typical application.	* Operates from 006P DC 9V battery. * Build the RS232 serial interface output. If the meter connect the Personal Computer via the RS232 cable & install the software, then whole system will be used as the "DATA LOGGER",			
* Microprocessor circuit assures max. possible accuracy, provides special functions & features.	"DATA RECORDER" or other kinds modern temperature measuring system.			

GENERAL SPECIFICATIONS				
Applications	Useful instrument to measure	Sampling Time	Approx. 1 sec.	
	the surface temperature of	Memory Recall	Records maximum and	
	amall size target, such as IC,		minimum readings with	
	transistor, coil, transformer		recall.	
Circuit	Custom one-chip of micro-	Data Output	RS232 serial PC interface.	
	processor LSI circuit.	Operating Temp.	0 °C to 50 °C (32 °F to 122 °F).	
Display	LCD, 13 mm (0.5") digit size.	Operating	Less than 80% RH.	
Resolution/	1°C -10 °C to 300 °C	Humidity		
ranges	1°F 14 °F to 572 °F	Power Supply	Heavy duty or Alkaline type,	
	0.1°C		DC 9V battery, 006P, MN1604	
	0.1°F 14.0 °F to 230.0 °F		(PP3) or equivalent.	
Accuracy	\pm 2 % of reading or \pm 2°C (3	Power Current	Approx. DC 4.8 mA.	
	°F), which ever is greater.	Weight	370 g/0.82 LB.	
	* Within 23± 5 °C ambient	Dimension	Main instrument:	
	operating temp. & a known		180 x 72 x 32 mm	
	blackbody emissivity).		(7.1 x 2.8 x1.3 inch).	
Measuring	Approx. 10 mm (0.4 inch)		Sensor probe :	
Distance	below the probe head.		148 x 36 x 36 mm .	
Emissivity	0.10 to 0.95, A factory preset	Accessories	Instruction manual 1 PC.	
Setting	emissivity value to 0.95, which	included	IR Sensor probe 1 PC.	
	will cover 90% of a typical		Carrying Case 1 PC.	
	application.	Optional	RS232 cable,	
Temp. Sensor	Thermocouple pie.		Model: UPCB-01	
Measurement	6 to 12 micro meter.		USB cable,	
Wave length			Model: USB-01	
Region			Application Software,	
Distance Factor	D/S: 10:1.		SW-U801-WIN	
	D - Distance, S - Spot.			

OPERATIONAL ACCESSORIES			
RS-232 cable,	RS232 cable, used for connecting the IR Thermometer & the Personal		
Model: UPCB-01	computer (com port)		
USB cable,	USB cable, used for connecting the IR Thermometer & the Personal		
Model: USB-01	computer (usb port).		
	* Application software is available for WIN 98, 2000, XP.		
Application Software	* Setup the hardware (IR thermometer + RS232 cable/USB cable +		
Model: SW-U801-WIN	Personal Computer + the software/SW-U801-WIN), the whole		
	system can execute as a data logger, data recorder		
	Data can be retrieved for EXCEL		

^{*} Appearance and specifications listed in this brochure are subject to change without notice.