

High Temperature

Infrared THERMOMETER

Model : TM-949



FEATURES	
* -20 °C to 650 , Wide range IR temperature measurement.	* Data hold function for stored the desired value on display.
* Infrared thermometer, non-contact temperature measurement, -20 °C to 650 °C (-4 °F to 1202 °F), precision for none contact temperature measurement.	* Build the REL button, useful for relative measurement.
* Emissivity adjustment for IR thermometer.	* Memory function to record the maximum & minimum reading with recall.
* Laser guide for IR thermometer.	* RS 232 data output, easy cooperate with computer.
* Red laser target guide easy for the target indentification.	* Optional data acquisition software for data record.
* Microcomputer circuit with high performance.	* Auto power shut off saves battery life.
* Build in °C & °F select button on the front panel.	* Built-in low battery indicator.
	* Heavy duty & compact housing case with stand.
	* Operates from 006P DC 9V battery.

GENERAL SPECIFICATIONS			
Display	51 mm x 32 mm supper large LCD display, 15 mm (0.6") digit size.	Distance Factor	D/S ratio : Approx. 7 : 1. * D - Distance, S - Spot.
		Over Indication	Show * - - - *.
Measurement	Infrared thermometer (Non contact temperature measurement)	Data Output	RS232 PC serial interface.
Functions	°C, °F, Data hold, Memory (Max., Min.), Relative measurement, Emissivity adjustment (IR thermometer).	Power Supply	Alkaline or heavy duty type, DC 9V battery, 006P, MN1604 (PP3) or equivalent.
Circuit	Exclusive microcomputer circuit, the software build in linearity correction instead the traditional hardware circuit.	Power Consumption	Approx. DC 11 mA (laser guide off). Approx. DC 16 mA (laser guide on).
Emissivity Adjustment	Range : 0.20 to 1.00. Adj. by pushing button on front panel.	Operating Temperature	0 to 50 °C (32 to 122 °F).
Laser Guide	Red laser light, less than 1 mW, Meet EN60825	Operating Humidity	Less than 80% RH.
Sampling Time	Approx. 1 second.	Weight	220 g/0.48 LB.
Hold Function	To freeze the display reading value.	Dimension	HWD 215 x 68 x 30 mm . (8.5 x 2.7 x 1.2 inch).
Memory Recall	Memorize the Maximum, Minimum reading with recall.	Standard	Operational manual.....1 PC.
IR Sensor	Thermocouple pie.	Accessory	Optional * Carrying case, Model : CA-06, CA-03.
Measurement Wave Length Region	6 to 12 micro meter,	Accessories	* RS232 cable, Model : UPCB-02. * Application software, windows version, Model : SW-U801-WIN

ELECTRICAL SPECIFICATIONS (23 ± 5 °C)		
Range	Resolution	Accuracy
- 20 °C to 650 °C	1 °C	- 20 °C to 400 °C : ± 3% of reading or ± 3°C (5°F)
- 4 °F to 1202 °F	1 °F	≥ 400 °C ± 3% of reading

OPTIONAL ACCESSORIES	
Carrying Case, CA-06	Model : CA-06, Hard carrying case
Carrying Case, CA-03	Model : CA-03, Vinyl soft carrying case.
RS232 cable, UPCB-02	RS232 cable for connecting between the meter & the computer.
Application Software, SW-U801-WIN	Windows software apply as the performance of data logging system & data recorder...

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

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