0.1 degree, Laser guide

INFRARED THERMOMETER

Model : TM-919AL

ISO-9001, CE, IEC1010

FEATURES

* 0.1 ℃ infrared thermometer.
* Non-contact temperature measurement. Range : -20 to 400 ℃ (-4 to 752 ℉).
* Microcomputer circuit with high performance.
* Auto power shut off saves battery life.
* Wide temperature measuring range.
* Build in ℃ & ℉ select button.
* Data hold function for stored the desired value on display.
* Memory function to record the maximum & minimum reading.
* Build the REL button, useful for relative measurement.
* Emissivity adjustment.
* Red laser guide, > 1 mW.
* Built-in low battery indicator.
* Heavy duty & compact housing case.
* Operates from 006P DC 9V battery.

Lutron

LUTRON ELECTRONIC

The Art of Measurement

Laser light guide, 0.1 degree

Infrared THERMOMETER

Model : TM-919AL

FEATURES	
* Infrared thermometer, range : -20 ℃ to 400 ℃ (-4 ℉ to 752 ℉), precision for none contact temperature measurement.	* Build the REL button, useful for relative measurement. * 0.1 ℃ display resolution. * Emissivity adjustment for IR thermometer.
* Microcomputer circuit with high performance.	* Safety LED target light guide for IR thermometer.
* Wide temperature measuring range.	* Auto power shut off saves battery life.
* Build in ℃ & ℉ select button on the front panel.	* Built-in low battery indicator.
* Data hold function.	* Heavy duty & compact housing case with stand.
* Memory function to record the maximum & minimum reading with recall.	* Operates from 006P DC 9V battery.

GENERAL SPECIFICATIONS			
Display	*Dual display with annunciator :* * Main display : 10 mm (0.4") LCD, 5 digit. * Small display : To show the emissivity value.	Over Indication	Show " - - - - ".
		Power Supply	Alkaline or heavy duty type, DC 9V battery, 006P, MN1604 (PP3) or equivalent.
		Power Consumption	W/o laser guide - Approx. DC 12 mA With laser guide - Approx. DC 23 mA.
Functions	℃, ℉, Data hold, Memory (Max., Min.), Relative measurement, Emissivity adjustment (IR thermometer).	Operating Temperature	0 to 50 ℃ (32 to 122 ℉).
Resolution	0.1 degree.	Operating Humidity	Less than 80% RH.
Circuit	Exclusive microcomputer circuit.		
Emissivity Adjustment	Range : 0.20 to 1.00. Adjustment by pushing button on front panel.	Weight Dimension	250 g/0.55 LB (without battery). 195 x 120 x 57 mm.
			(7.7 x 4.7 x 2.2 inch).
Target Guide	Red color, laser power less than 1 mW.	Standard Accessory	Operational manual.....1 PC.
Sampling Time	Approx. 1 second.		
Hold Function	To freeze the display reading value.	Optional & accessories	Hard carrying case Model : CA-06
Memory Recall	Memorize the Maximum, Minimum reading with recall.		

ELECTRICAL SPECIFICATIONS		
Resolution/ ranges	0.1℃	- 20 ℃ to 400 ℃
	0.1 ℉	-4 ℉ to 752 ℉
Accuracy	± 3 % of reading or ± 3℃ (± 5 ℉), which ever is greater. *1. Accuracy test under the measurement range within - 10 ℃ to 350 ℃ .* *2. Meter operating temp. within 23 ± 5 ℃ and the emissivity value of target set to 0.95.* *3. Spec. tested under the 20 cm dia. black body, the measuring distance from the probe sensing Head is 30 cm.*	
Temp. Sensor	Thermocouple pie.	
Emissivity	By push button. Setting range : 0.20 to 1.00. The default emissivity value is 0.95, which will cover 90% of a typical application.	
Measurement Wave length Region	6 to 12 micro meter.	
Distance Factor	D/S : Approx. 7:1. ** D - Distance, S - Spot.*	

* Appearance and specifications listed in this brochure are subject to change without notice 0403-TM919AL