



INFRARED PROBE

Model : IR-961

FEATURES	
* The infrared probe uses infrared technology to measure the temperature of objects without having to touch.	* °C, °F display unit, select by front push button.
* Ideal for maintenance applications, the probe lets you check the temperature of hot, hazardous or moving objects, without getting burned or shocked.	* Gun type, heavy duty & compact housing case.
* Just simply connect the probe plugs into the DMM, data recorder or chart recorder, aim and read the temperature.	* Non-contact temperature measurement, -10 °C to 350 °C (14 °F to 662 °F), precision for non-contact temperature measurement.
	* Emissivity adjustment from 0.10 to 0.95.
	* A factory preset emissivity value to 0.95.
	* Microprocessor circuit assures max. possible accuracy, provides special functions & features.
	* Operates from 006P DC 9V battery.

SPECIFICATIONS			
Circuit	Custom one-chip of micro-processor LSI circuit.	Measurement Wave length	6 to 12 micro meter.
Resolution/ ranges	1°C - 10 °C to 350 °C 1°F 14 °F to 662 °F	Region	
Accuracy	±2 % of reading or 2°C (3 °F), which ever is greater. * Within 23 ± 5 °C ambient operating temp. & a known blackbody emissivity).	Distance Factor	D/S : Approx. 7:1. D - Distance, S - Spot.
300°C		Operating Temp.	0 °C to 50 °C(32 °F to 122 °F).
		Operating Humidity	Less than 80% RH.
		Power Current	Approx. DC 12 mA.
Output	1 DC mV per 1 °C or 1 °F.	Power Supply	006P DC 9V battery (Heavy Duty Type) or equivalent.
Sampling Time	Approx. 1 sec.	Weight	265 g/0.61 LB.
Temp. Sensor	Thermocouple pie.	Dimension	195 x 120 x 58 mm (7.7 x 4.7 x 2.3 inch).
Emissivity Setting	0.10 to 0.95. A factory preset emissivity value to 0.95, which will cover 90% of a typical application.	Accessories included	Instruction manual.....1 PC.
		Carrying Case	Model, CA-06, optional