

## Description

Infrared Thermometer is a non-contact mode of measuring temperature of an object from a distance vide application of infrared technology. By knowing the amount of infrared energy emitted by the object, the sensor measures object's temperature. The measuring sensor consists of a lens which focus the infrared energy from the object on a detector, which converts this energy into electronic signal. The electronic signal is thus converted into temperature unit, which is displayed instantly on the LCD unit. The Sensor offers a flexibility of being portable hand held operated device for temperature measurement from distance without coming in contact with the object. These thermometers are best suitable for measuring temperature of objects which are placed at high distance, odd in size or where conventional temperature measurement by thermocouple or by means of other contact probes is not possible. Operation of these thermometers are easy by aiming it towards the object and pressing the push button. A red laser pointer is provided for steady and accurate aiming.



## Features

- Fast response.
- Easy to read LCD.
- Accurate, non contact.
- For checking Temperatures of engines, brakes, vessels, running motors, machine parts, bearings, pedestals, tanks, engine, Compressors, electrical parts, pumps heaters, ovens, melts etc.

## Technical Specification

MODELS	CLI3-IRT	L	M	H	T
Temperature measuring range		-18 ~ 500 Deg.C	-18 ~ 800 Deg.C	-18 ~ 1250 Deg.C	-18 ~ 1800 Deg.C
Resolution		0.1 Deg.C	0.1 Deg.C	0.1 Deg.C	0.1 Deg.C
D- S ratio		8: 1	8: 1/ 12 : 1	50 : 1	50 : 1
Emmisivity		0.95	0.10 -0.99	0.10 -0.99	0.10 -0.99
Repeatability		$\pm 1\%$ or 1 Deg.C			
Response time		500 ms			
Power		Battery operated			
Display		LCD, backlight			
Aiming		Laser target pointer			
Functions / options		Data hold, Auto power off, low battery indication			

## Model Selection

CLI3- IRT -   — Model L / M / H / T

Contact us for other models & specifications not listed here. Due to product enhancement technical specification may vary.



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