

VICTOR®

Infrared Thermometer VC308D

This infrared thermometer is used for measuring the temperature of the object's surface, which is applicable for various hot, hazardous or hard-to-reach objects without contact safely and quickly.

This unit consist of Optics, Photo sensor, Signal amplifier, Processing circuit and LCD Display. The Optics collected the infrared energy emitted by object and focus onto the Sensor. Then the sensor translates the energy into an electricity signal. This signal will be turned out to be digital shown on the LCD after the signal amplifier and processing circuit.



Temperature range	-50°C ~ 1150°C (-58°F-2102°F)
Distance ratio	50:1
Emissivity	0.10~1.00 adjustable(preset 0.95)
Accuracy	- 50°C - 0°C (-58°F - 32°F) $\pm 3^{\circ}\text{C} / \pm 5^{\circ}\text{F}$ (take the bigger value) 100°C ~ 1150°C (212°F-2102°F) $\pm 1.5\%$
Resolution	0.1°C/°F
Response time	<250ms
Dual range display	V
MAX/MIN value	V
D-value / Average value	V
High/Low temperature alarm	V
°C/F setting	V
Turn off the laser	V
Display hold	V
Back light	V
Auto power off	V
Low battery display	V
Spectral response	8 μm ~14 μm
Laser power	output < 1mW, wave length 630-670nm, class II