

InfraRed Thermo & Voltage Detector

Features

- ✓ Large Scale LCD display InfraRed Thermometer
- ✓ Distance to Spot Ratio 8:1
- ✓ Single point laser sighting
- ✓ Holds temperature reading for 10 seconds
- ✓ Easy °C / °F unit switching
- ✓ Best accuracy in its class $\pm 1^{\circ}\text{C}$ of reading
- ✓ Integrated non-contact AC voltage detection with LCD indication
- ✓ Ultra bright white LED Torch
- ✓ Single AAA size battery operation
- ✓ Low battery indication in segments
- ✓ Pocket Clip designed for easy carrying
- ✓ Universal designed accessories (Option) to attach on any Clamp meters or DMMs



Specifications (All at $23^{\circ}\text{C} \pm 2^{\circ}\text{C} < 80\% \text{RH}$)

Infrared °C / °F: Range	-30°C ~ 500°C / -22°F ~ 932°F
Best Accuracy	-30°C ~ 0°C / -22°F ~ 32°F: $\pm 3^{\circ}\text{C}/\pm 6^{\circ}\text{F}$ 1°C ~ 10°C / 34°F ~ 50°F: $\pm 1.5^{\circ}\text{C}/\pm 3^{\circ}\text{F}$ 11°C ~ 40°C / 52°F ~ 104°F: $\pm 1^{\circ}\text{C}/\pm 2^{\circ}\text{F}$ 41°C ~ 500°C / 106°F ~ 932°F: $\pm 1.5^{\circ}\text{C}/\pm 3^{\circ}\text{F}$ or $\pm 1.5\%$ of reading, whichever is greater
Non-Contact Voltage Detection	60VAC ~ 600VAC
Display	0.2°C/0.5°F
Response Time	0.5 sec
Spectral Response	6.5um ~ 18um
Emissivity	E=0.95
D:S Ratio	8:1(calculated at 80% energy)
Repeatability	$\pm 1^{\circ}\text{C}$ or $\pm 0.5\%$ of reading, whichever is greater
Display Hold	10 sec
Operating Temperature	0°C ~ 40°C
Storage Temperature	-20°C ~ 60°C(without battery)
Battery Life	150 hours
Power Requirement	IEC LR03, AM4 or AAA size 1.5V x 1pc
Dimensions	0.8in(W) x 3.95in(L) x 1.15in(D) / 20mm(W) x 100mm(L) x 29mm(D)
Weight	40g