



ENGLISH

Datasheet

Stock No. 123-3250

RS PRO IT-1 Infra-Red Thermometer



Feature:

- Extra large LCD display Infra-Red Thermometer
- 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
- 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°C ±5°C, ≤80% R.H.)

Infra-Red

Range	Best Accuracy
-30°C ~ 0°C / -22°F ~ 32°F	±2°C/±4°F
1°C ~ 10°C / 34°F ~ 50°F	±1.5°C/±3°F
11°C ~ 40°C / 52°F ~ 104°F	±1°C/±2°F
41°C ~ 500°C / 106°F ~ 932°F	±1.5°C/±3°F or ±1.5% of reading, whichever is greater

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: ±1°C or ±0.5% of reading, whichever is greater

Display Hold: 10 sec.

Range: 60VAC ~ 600VAC

Non-Contact Voltage Detection

General

Low Battery Indication:	
Auto Power Off:	3 minutes
Operating Temperature:	0°C~30°C (≤80% R.H.), 30°C ~40°C(≤75% R.H.), 40°C~50°C(≤45% R.H.)
Storage Temperature:	-20°C ~60°C
Temperature Coefficient:	0.2 x (Specified accuracy) / °C, < 18°C, > 28°C .
Power Requirement:	IEC LR03, AM4 or AAA size 1.5V x 1pc
Battery Life:	150 hours (with laser)
Size:	0.8in(W) x 3.95in(L) x 1.15in(D) 20mm(W) x 100mm(L) x 29mm(D)
Weight:	40g
Accessories:	Battery (installed) and User Manual