



ACTUAL SIZE

**NEW**  
**APPA IT-1**

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:  $-30^\circ\text{C} \sim 500^\circ\text{C} / -22^\circ\text{F} \sim 932^\circ\text{F}$

Best Accuracy:  $-30^\circ\text{C} \sim 0^\circ\text{C} / -22^\circ\text{F} \sim 32^\circ\text{F} : \pm 3^\circ\text{C} / \pm 6^\circ\text{F}$

$1^\circ\text{C} \sim 10^\circ\text{C} / 34^\circ\text{F} \sim 50^\circ\text{F} : \pm 1.5^\circ\text{C} / \pm 3^\circ\text{F}$

$11^\circ\text{C} \sim 40^\circ\text{C} / 52^\circ\text{F} \sim 104^\circ\text{F} : \pm 1^\circ\text{C} / \pm 2^\circ\text{F}$

$41^\circ\text{C} \sim 500^\circ\text{C} / 106^\circ\text{F} \sim 932^\circ\text{F} : \pm 1.5^\circ\text{C} / \pm 3^\circ\text{F}$  or  $\pm 1.5\%$  of reading, whichever is greater

Non-Contact Voltage Detection: 60VAC  $\sim$  600VAC

Display:  $0.2^\circ\text{C} / 0.5^\circ\text{F}$

Response Time: 0.5 sec.

Spectral Response:  $6.5\mu\text{m} \sim 18\mu\text{m}$

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:  $0^\circ\text{C} \sim 40^\circ\text{C}$

Storage Temperature:  $-20^\circ\text{C} \sim 60^\circ\text{C}$  (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

Specifications subject to change without notice.

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ISO 9001 CERTIFIED

# APPA IT-1 InfraRed Thermometer

## InfraRed Thermo & Voltage Detector



# APPA®

Advanced Instrument Technology Made Easy