



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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APPA TECHNOLOGY CORPORATION

9F, 119-1 Pao-Zong Rd., Shintien, Taipei, 231, TAIWAN

Tel: +886-2-29178820 Fax: +886-2-29170848

E-mail: info@appatech.com · <http://www.appatech.com>

ISO 9001 CERTIFIED

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InfraRed Thermo & Voltage Detector



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