APPA IT-1

InfraRed Thermo & Voltage Detector

- **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 ±1°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**

POCKET-SIZED COMBINED VOLTAGE & INFRARED DETECTOR

When you want to know quickly if a circuit is live or there are any hot connections in an installation, having a pocket-sized voltage detector combined with an infrared thermometer is the way to go. Weighing in at only 40 g, the APPA IT-1 combination tester is ideal for electrical, industrial and power contractors. Typically twice the price and double the size to get these features in a single tester, the APPA IT-1 provides quality AC voltage detection without the use of probes. The infrared thermometer is both sensitive and accurate. It displays temperature ranging from -30 to 500 C and delivers the highest accuracy in its class to within ±1° C. Ideal for checking electrical connections or motor bearings, the APPA IT-1 uses a single point laser sighting and measures the temperature in an area with a tight focus.

Specifications (All at 23°C ± 2°C < 80%RH)

Infrared °C / °F: Range	-30°C ~ 500°C / -22°F ~ 932°F
Best Accuracy	-30°C ~ 0°C / -22°F ~ 32°F: ±3°C/±6°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
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	±1°C or ±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

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