



IR-500 Infrared Thermometer / Voltage Detector / Flashlight

A must have tool for everyday applications, the Amprobe IR-500 verifies temperature as well as voltage presence and can be use as a flashlight.

- 8:1 distance to spot ratio
- IR temperature measurement with laser pointer
- Built-in LED flashlight
- Integrated non-contact AC voltage warning
- Holds temperature reading for 10 seconds
- Selectable °F / °C
- Pocket clip for easy carrying

Amprobe Product Warranty

Amprobe is committed to delivering the highest quality test and measurement products and provides a 1 year warranty with most of its products. The length of the product warranty is stated in the user's manual that comes with each product and can be downloaded from www.Amprobe.com.

If you ever need warranty service, please contact the Amprobe Service Department at 1-877-AMPROBE.

To better serve you for products with a list price up to \$500, Amprobe authorizes an over-the-counter product exchange from any authorized Amprobe distributor within 30 days from the date of purchase.



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Data Sheet

Specifications (All at 23 ±2°C 80%RH)

Temperature Range	-20°F to 932°F (-30°C to 500°C)
Accuracy at 23°C ±2°C <80%RH	-20°F to 32°F (-30°C to 0°C): ±4°F (±2°C) 34°F to 50°F (1°C to 10°C): ±3°F (±1.5°C) 52°F to 104°F (11°C to 40°C): ±2°F (±1°C) 106°F to 932°F (41°C to 500°C): ±3°F (±1.5°C) or ±1.5% of reading, whichever is greater.
Best display Resolution	0.5°F (0.2°C)
Response Time	0.5 s
Wavelength	6.5um to 18um
Emissivity	E=0.95
D:S	8:1(calculated at 80% energy)
Repeatability	±1.8°F (±1°C) or ±0.5% of reading, whichever is greater.
Display Hold	10 s
Non-Contact Voltage	60VAC ~ 600VAC
Power	1.5V AAA alkaline battery
Weight	Approx. 50g (0.11lb)
Dimensions (HxWxD)	100 x 20 x 29mm (3.94 x 0.79 x 1.14in)
Storage Temperature	-40°F to 140°F (-20°C to 60°C) (without battery)
Included Accessories	1.5V AAA alkaline battery (installed), users manual

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