IR-450-EUR
Pocket Infrared Thermometer
3-in-1 Infrared Thermometer, Laser Pointer, and Flashlight

A must have tool for everyday applications, the Amprobe 3-in-1 Pocket Infrared Thermometer, Laser Pointer, and LED Flashlight offers a uniquely small and convenient form factor with professional 8:1 distance to spot ratio, a high-quality laser pointer and LED flashlight. Much more portable than traditional infrared thermometers, the IR-450-EUR can be readily available in your pocket for quick diagnostic checks in a wide variety of applications including: HVAC/R, fire safety and protection, industrial maintenance, automotive and quality control.

IR-450-EUR
Pen Type IR Thermometer

CE

Features

- **IR pocket thermometer** with 8:1 distance to spot ratio
- **Selectable °C /°F**
- **Holds temperature reading** for 10 seconds
- **Bright laser pointer**
- **Built-in LED flashlight** to illuminate dark areas

Specifications	IR-450-EUR
	Range:
Distance to Spot (D:S)	8:1 (calculated at 80% energy)
Temperature Range	-30°C to 500°C (-22°F to 932°F)
Accuracy at 23°C ±2°C, <80%RH	-30°C to 0°C (-22°F to 32°F): ±2°C (±4°F) 1°C to 10°C (34°F to 50°F): ±1.5°C (±3°F) 11°C to 40°C (52°F to 104°F): ±1°C (±2°F) 41°C to 500°C (106°F to 932°F): ±1.5°C (±3°F) or ±1.5% of reading, whichever is greater.
Best Accuracy	± 1°C /±2°F
Best Display Resolution	0.2°C /0.5°F
Response Time	500 ms
Emissivity	0.95
Laser Wavelength	630 nm to 670 nm
Spectral Response	6.5 µm to 18 µm
Repeatability	±1°C or ±0.5% of reading, whichever is greater
Display Hold	10 seconds
Operating Altitude	Up to 2000 meters
Battery	One 1.5VAAA battery
Battery Life	20 hours (Alkaline typically)
Storage Temperature	-20°C to 60°C (-40°F to 140°F) (without battery) ≤ 85% RH
Dimensions (L x W x H)	100 x 20 x 29mm (3.94 x 0.79 x 1.14in)
Weight	Approximately 50g (0.11lb)
Safety Compliance	EN 61010-1, EN 60825-1
EMC Compliance	EN 61326-1
Certification	CE
Laser Safety Info	100% FDA Compliant
Laser Safety Class	Class 2

Safety Certification

All Beha-Amprobe tools, including the Beha-Amprobe IR-450-EUR, are rigorously tested for safety, accuracy, reliability, and ruggedness in our state-of-the-art test lab. In addition, Beha-Amprobe products that measure electricity are listed by a 3rd party safety lab, either UL or CSA. This system assures that Beha-Amprobe products meet or exceed safety regulations and will perform in a tough, professional environment for many years to come.

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