AMPROBE®

Data Sheet

IR608A
Infrared Thermometer

Point and press for quick and easy temperature measurement

The IR608A is an infrared thermometer with a laser pointer for easy targeting. A quick and effective diagnostic tool for identifying problems in a wide variety of applications like HVAC/R, fire safety and protection, industrial maintenance automotive and quality control. The IR608A is robust yet lightweight with a solid ergonomic design.

- **"Pistol grip design" for comfortable grip**
- **Small enough to fit in your pocket**
- **Measuring range – 18 °C to 400 °C (0 °F to 750 °F)**
- **Fixed emissivity at 0.95**
- **Laser sighting for accurate targeting (CE EN60825 certified Class II)**
- **Display hold**
- **Fast response time**
- **Distance to spot size ratio 8:1**
- **Accuracy to 2 %**
- **Backlit display**
- **Battery included**

No hassle warranty

No waiting.

No shipping charges.

Our commitment to high-quality products and customer service is demonstrated by our industry exclusive "No Hassle" warranty. In the unlikely event that an Amprobe Test Tool requires warranty service, any of our local dealers are authorized to replace it, on the spot.

(note: $500 MSLP limit)

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General Specifications

Storage temperature	– 20 °C to 65 °C (– 4 °F to 150 °F) without battery
Weight / Dimensions	227 g (0.5 lb); 152 mm x 101 mm x 38 mm (6 in x 4 in x 1.5 in)
Power	9 V Alkaline or NiCd battery
Typical Battery life (Alkaline)	12 hours
Distance to Spot Size	8:1
Low Battery Indicator	Battery icon appears in display
Warranty	One-year

Specifications

Function	Range	Accuracy
	– 18 °C to 400 °C (0 °F to 750 °F)	
Temperature display	0.2 °C or 0.5 °F	
Targets	– 1 °C to 400 °C (30 °F to 750 °F) – 18 °C to – 1 °C (0 °F to 30 °F)	± 2 % of reading or ± 2 °C (±3.5 °F), whichever is greater ± 3 °C (± 5 °F) at 23 °C (73 °F) ± 2 °C (± 3.5 °F)
Repeatability		± 2 % of reading or ± 2 °C (± 3 °F)
Response time	500 mSec, 95 % response	
Emissivity	Pre-set 0.95	
Spectral response	7 to 18 µm	
Ambient operating temperature	0 °C to 50 °C (32 °F to 120 °F)	
Relative Humidity	10 % to 95 % RH non condensing, @ up to 30 °C (86 °F)	

Contact:
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