



IR610A Infrared Thermometer

The IR610A is a portable, easy-to-use 3½-digit, compact-sized digital infrared thermometer capable of measuring °C and °F temperature.

Pressing the laser button turns the sighting laser marker on and off. Depress the large center button to turn on the meter for measuring temperature. Release the button to stop measuring temperature and automatically hold the display reading, the meter turns off automatically after 15 seconds.



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)

- Laser pointer for accurate targeting
- Measures to 260 °C (500 °F), front panel switchable
- Narrow 10:1 field of view measures 1" at 10" distance
- Fixed emissivity at 0.95
- Certified to meet CE EN60825 Class II for laser safety
- Data hold, low battery indicator, auto power off
- Large, 3½ digit display with backlight feature
- Shipped with carrying case, four AAA batteries installed and users manual



General Specifications

Display	3½-digit (LCD) with maximum reading of 1999
Overrange	(OL) or (-OL) is displayed
Low Battery Indication	Change batteries immediately
Measurement Rate	2.5 times per second, nominal
Operating Environment	0 °C to 50 °C (32 °F to 122 °F) at < 75% R.H.
Storage Temperature	- 20 °C to 60 °C (- 4 °F to 140 °F), 0 to 80 % R.H. with batteries removed
Environment	Indoor use, altitude up to 2000 m
Battery	4 pieces 1.5 V (AAA size) UM-4, R03
Battery Life	100 hours carbon-zinc battery
Auto Power Off	approximately 15 seconds
Standby Current	<1 µA; Dimensions: 170 x 44 x 40 mm
Weight	160 g including batteries
Warranty	One-year

Specifications (23°C±5°C, <75% R.H. non-condensing)

Function	Range	Accuracy
Temperature		
	- 20 °C to 260 °C	± 3% of reading or ± 3 °C
	0 °F to 500 °F	± 3% of reading or ± 6 °C
Display Resolution	1 °C; 1 °F	
Temperature Coefficient	± 0.2 % of reading or ± 0.2 °C, whichever is greater, per °C, > 28°C or < 18°C	
Response Time	1 second	
Spectral Response	6 to 14mm nominal	
Emissivity	Pre-set 0.95	
Detection Element	Thermopile	
Optical Lens	Fresnal Lens	
Field of View	100 mm Ø at 1000 mm	
Sighting	1 - Laser beam marker < 1 mW (670 nm) Class	

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