Fluke 62 MAX Mini Infrared Thermometer

- Highly accurate infrared thermometer for measuring temperatures from -30°C to 500°C (-22°F to 932°F) accurate to +1.5°C or +1.5% of reading (whichever is greater) - Provides a 10:1 Distance to spot ratio - Offers single laser targeting for accurate and repeatable measurements - Features IP54 rating against dust and moisture

Rating: Not Rated Yet
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ManufacturerFluke

Description

Product overview: 62 MAX Mini Infrared Thermometer

Fluke 62 Max Infrared Thermometer delivers single-laser targeting accuracy

The Fluke 62 MAX Infrared thermometer delivers many of the features of the Fluke 62 MAX+, but features a single laser and 10:1 distance to spot ratio. You can use the Fluke 62 MAX to perform non-contact temperature measurements on transformers, motors, pumps, panels, breakers, compressors, duct, steam lines, valves, and vents. It is small in size and extremely easy to use. The single laser helps you pinpoint the target for more accurate readings and makes it easier to measure temperatures in hard to reach areas. With its IP54 rating for dust and water resistance you can rely the Fluke 62 MAX to deliver accurate, repeatable temperature measurements, rain or shine, in even the dirtiest and dustiest industrial sites. And it's rugged enough to take a 3-meter drop so no worries even if you work from a ladder.

Other useful features:

- High and low alarms for rapid detection of temperatures outside the limits
- Powered by a single, standard AA battery.
- Comes with a three-year warranty -30-
- Withstands a 3 m (9.8 ft.) drop
- Offers small, lightweight form factor to clip comfortably to your tool belt or belt loop, or easily fit in your tool box
- Features a large, backlit display to make data easier to read, even in dark areas.
- Displays Min/Max/Avg/Dif: the minimum, maximum or average temperature, or the difference between two measurements

Specifications: 62 MAX Mini Infrared Thermometer

Specifications	
Temperature range	-30°C to 500°C (-22°F to 932°F)
Accuracy	±1.5°C or ±1.5% of reading, whichever is greater

	-10°C to 0°C: ±2.0 -30°C to -10°C: ±3.0	
Response time (95%)	< 500 ms (95% of reading)	
Spectral response	8 to 14 microns	
Emissivity	0.10 to 1.00	
Optical resolution	10:1 (calculated at 90% energy)	
Display resolution	0.1°C (0.2°F)	
Repeatability of readings	±0.8% of reading or < ±1.0°C (2°F), whichever is greater	
Power	AA battery	
Battery life	10 hours with laser and backlight on	
Physical Specifications		
Weight	255 g (8.99 oz)	
Size	175 x 85 x 75 mm (6.88 x 3.34 x 2.95 in)	
Operating temperature	0°C to 50°C (32°F to 122°F)	
Storage temperature	-20°C to 60°C (-4°F to 140°F), (without battery)	
Operating humidity	10% to 90% RH non-condensing at 30°C (86°F)	
Operating altitude	2000 meters above mean sea level	
Storage altitude	12,000 meters above mean sea level	
IP rating	IP 54 per IEC 60529	
Drop test	3 meters	
Vibration and shock	IEC 68-2-6 2.5 g, 10 to 200 Hz, IEC 68-2-27, 50 g, 11 ms	
EMC	EN 61326-1:2006 EN 61326-2:2006	
Standards and agency approval	**Compliance**	EN/IEC 61010-1: 2001
	Laser safety	FDA and EN 60825-1 Class II