Fluke 62 MAX+ Handheld Infrared Laser Thermometer

- Extremely accurate infrared thermometer for measuring temperatures from -30°C to 650°C (-22°F to 1202°F) accurate to +1.0°C or +1.0% of reading (whichever is greater) - Offers precise dual-lasers for superior targeting and more accurate and repeatable measurements - Provides up to a 12:1 Distance to spot ratio - Features IP54 rating against dust and moisture

Rating: Not Rated Yet
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ManufacturerFluke

Description

Product overview: 62 MAX+ Handheld Infrared Laser Thermometer

Fluke 62 Max+ Infrared Thermometer delivers rugged performance and dual laser targeting

The Fluke 62 MAX+ infrared thermometer delivers the features and accuracy you need to non-contact temperature measurements on a wide range of equipment. Just point, shoot, and read the temperature of transformers, motors, pumps, panels, breakers, compressors, duct, steam lines, valves, and vents. Its small size and versatile features make it extremely easy to use. Plus, it's rugged enough to take a 3-meter drop, which is good news if you work from a ladder. The accurate infrared technology and dual lasers provide a 12:1 distance to spot ratio, making it easier to accurately measure temperatures in hard to reach areas. With its IP54 rating for dust and water resistance you can rely the Fluke 62 MAX+ to provide extremely accurate temperature measurements, rain or shine, in even the dirtiest and dustiest industrial sites.

Other useful features:

- High and low alarms for rapid detection of measurements 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+ Handheld Infrared Laser Thermometer

Specifications	
Temperature range	-30°C to 650°C (-22°F to 1202°F)
Accuracy	±1.0°C or ±1.0% 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	12:1 (calculated at 90% energy)	
Display resolution	0.1°C (0.2°F)	
Repeatability of readings	±0.5% of reading or <±0.5°C (1°F), whichever is greater	
Power	AA battery	
Battery life	8 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