



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
Electromagnetic compliance	IEC 61326-1: Portable electromagnetic equipment
Safety	IEC 61010-1: Pollution degree 2 IEC 60825-1: Class 2

Product overview: 62 MAX+ Handheld Infrared Laser Thermometer

The Fluke 62 MAX+ Handheld Infrared Laser Thermometer delivers the accuracy you need in an extremely rugged package. Just point, shoot, and read the temperature of many types of equipment. Get accurate readings from transformers, motors, pumps, panels, breakers, compressors, duct, steam lines, valves, and vents.

Easy to use

The IR thermometer's small size and versatile features make it extremely easy to use. Plus, the lightweight form factor clips comfortably to your tool belt or belt loop, or easily fits in your toolbox. The 62 MAX+ offers a wide variety of features to take measurements quickly:

- High and low alarms for rapid detection of measurements outside the limits
- Displays Min/Max/Avg/Dif
- The minimum, maximum or average temperature, or the difference between two measurements
- Easy to read, even in dark areas with large, backlit display

Works every place you need to go

The 62 MAX+ is rugged enough to take a three-meter drop – good news if you work from a ladder. Dual lasers help you target your measurement; the 12:1 distance to spot ratio helps get the reading you want. 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, even in dirty and dusty industrial sites.

Powered by a single, standard AA battery.