



Fluke 62 Max Plus Infrared Laser Thermometer

Product Images



Short Description

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Description

Designed with your on-the-job needs in mind, the **Fluke 62 MAX Plus** infrared thermometer is everything you'd expect from Fluke - the experts in measurement tools: small in size, extremely accurate and very easy to use. IP54 rated for dust and water resistance. Precise yet rugged enough to take a 3-metre drop. In fact, the **Fluke 62 MAX Plus** is so tough, it's the only IR thermometer around you can handle without care.

Key Benefits of the Fluke 62 Max Plus

- Dust and water-resistant: IP54 rated for dust and water resistance.
- Rugged: 3-metre (9.8-foot) drop tested.
- Ergonomically designed: Completely redesigned for a more natural hand fit.
- Small and lightweight; clips to your tool belt or belt loop or easily fits into your tool box.

Additional Features

- Distance to spot: Precise laser technology makes for more accurate and repeatable measurements.
- Large, backlit display: Large screen makes data easier to read, even in dark areas.
- Min/Max/Avg/Dif: Displays the minimum, maximum or average temperature, or the difference between two measurements.
- Alarm: Hi and Lo alarms for rapid display of measurements outside the limits.
- Power: The 62 MAX iPlus s powered by a single, standard AA battery.
- Dual lasers: The 62 MAX+ has dual rotating lasers to help you identify area to be measured. The measurement area is the spot between the dots.

Order Code: **Fluke 62 Max Plus**

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

Explanation

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

Brand	Fluke
Maximum Temperature	+650
Typical applications	Environmental (Indoor), Environmental (Outdoor), Industrial
Measurements	Temperature

Additional Options

Temperature Calibration Certificate

2 Point Temperature Calibration (0°C / 60°C)

2 Point Temperature Calibration (please specify temperature points)

1 Point Temperature Calibration (0°C)