

Features



Key Benefits

- Dust and water-resistant: IP54 rated for dust and water resistance.
- Rugged: 3-meter (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.
- 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.
- 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: Both the 62 MAX and 62 MAX+ are powered by a single, standard AA battery.



Specifications

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Temperature Range	Fluke 62 MAX -30 °C to 500 °C (-22 °F to 932 °F) Fluke 62+ MAX -30 °C to 650 °C (-22 °F to 1202 °F)
Accuracy	Fluke 62 MAX ±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 Fluke 62+ MAX ±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%)	Fluke 62 MAX <500 ms (95% of reading) Fluke 62+ MAX <300 ms (95% of reading) Spectral Response 8 to 14 microns Emissivity 0.10 to 1.00
Optical Resolution	Fluke 62 MAX 10:1 (calculated at 90% energy) Fluke 62+ MAX 12:1 (calculated at 90% energy)
Display Resolution	0.1 °C (0.2 °F)
Repeatability of Readings	Fluke 62 MAX ±0.8% of reading or <±1.0 °C (2 °F), whichever is greater Fluke 62+ MAX ±0.5% of reading or <±0.5 °C (1 °F), whichever is greater
Power	AA battery
Battery Life	Fluke 62 MAX 10 hours with laser and backlight on Fluke 62+ MAX 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) inches 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