

# 62 MAX / 62 MAX+ Infrared Thermometers

FLUKE®

New



Fluke 62 MAX



Fluke 62 MAX+

## Small in size. Big on toughness.

Designed with your on-the-job needs in mind, the new Fluke 62 MAX and 62 MAX+ infrared thermometers are everything you'd expect from 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-meter drop. In fact, the 62 MAX and 62 MAX+ are so tough, they're the only IR thermometers around you can handle without care.

### Key Benefits

- Dust and water-resistant: IP54 rated for dust and water resistance.
- Rugged: 3-meter 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.

## Features

- **Dust and water-resistant:** IP54 rated for dust and water resistance
- **Rugged:** 3-meter drop tested
- **Ergonomically designed:** Completely redesigned for a more natural hand fit
- **Small in size:** Small and lightweight; clips to your tool belt or belt loop or easily fits into your tool box
- **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

	Fluke 62 Max	Fluke 62 Max+
Temperature Range	-30 °C to 500 °C	-30 °C to 650 °C
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	±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)	<300 ms (95% of reading)
Spectral Response	8 to 14 microns	
Emissivity	0.10 to 1.00	
Optical Resolution	10:1 (calculated at 90% energy)	12:1 (calculated at 90% energy)
Display Resolution	0.1 °C	
Repeatability of readings	±0.8% of reading or <±1.0 °C, whichever is greater	±0.5% of reading or <±0.5 °C, whichever is greater
Operating Humidity	10 % to 90 % RH non-condensing at 30 °C	
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	

## Ordering Information

- Fluke 62 MAX Single laser infrared thermometer  
 Fluke 62 MAX+ Dual laser infrared thermometer  
 Fluke 62 MAX+/323 Kit  
 Fluke T5-600/62 MAX+/1AC2 Kit  
 Fluke 116/62MAX+ Kit  
 Fluke 414D/62MAX+ Kit

**Power:** AA battery  
**Size (HxWxD):** 175 x 85 x 75 mm  
**Battery life:** 10 hrs 62 Max+, 8 hrs 62 Max, with laser and backlight on  
**Weight:** 0,255 kg

**Operating Temperature:** 0 °C to 50 °C  
**Storage Temperature:** -20 °C to 60 °C, (without battery)  
**Two years warranty**

## Kits



Fluke 116/62MAX+



Fluke 414D/62MAX+



Fluke 62MAX+/323/1AC-II



Fluke T5-600/62MAX+/1AC-II