

62 MAX / 62 MAX+ Infrared Thermometers

FLUKE®



Fluke 62 MAX



Fluke 62 MAX+

The Fluke 61 and Fluke 63 handheld infrared thermometers enable professionals to monitor the status of electrical motors and electrical panels, research heating and ventilation problems and diagnose car malfunctions with ease. Check the Fluke web for more information.

The Fluke FoodPro™ thermometer series provide advanced temperature measurement solutions for the foodservice industry. Check the Fluke web for more information.



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.

Specifications

	Fluke 62 Max	Fluke 62 Max+
Temperature Range	-30 °C to 500 °C	-30 °C to 650 °C
Distance to spot	10:1 (calculated at 90% energy)	12:1 (calculated at 90% energy)
Laser sighting	Single laser	Dual laser
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	
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

Fluke 61 Infrared Thermometer
 Fluke 63 Infrared Thermometer
 Fluke FP FoodPro™ Food Safety Thermometer
 Fluke FP Plus FoodPro™ Plus Food Safety Thermometer

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)
3 years warranty

Kits



Fluke 116/62MAX+



Fluke 414D/62MAX+



Fluke 62MAX+/323/1AC-II



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