

## Introducing the Fluke 62 MAX

### Why IR Thermometers?

Temperature is often the first indication of potential problem in electrical and mechanical applications. But how can you easily determine if an electrical panel has a hot spot, a motor is overheating or an HVAC system is inefficient? The answer is with an infrared (IR) thermometer. With handheld, non-contact IR thermometers, you can instantly measure equipment temperatures in hard to reach or hazardous areas. And with early detection of abnormal temperatures comes early correction of problems.

### Why Fluke 62 MAX

Designed with your on-the-job need mind, the new Fluke 62 MAX infrared thermometer is everything you'd expect from the experts in measurement tools, smaller in size, extremely accurate and very easy to use. IP 54 rated for dust and water resistance. Precise yet rugged enough to take a 3-meter drop. In fact, the 62 Max is so tough, that is the only IR thermometer around you can use handle without care.



- **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 comfortable hand
- **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
- **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 low alarms for rapid display of measurements outside the limits
- **Power:** Both the 62 MAX is powered by a single, standard AA battery

Specifications	
Function	Parameter
Temperature Range	-30 °C to 500 °C (-22 °F to 932 °F)
Accuracy	± 1.5 °C or ± 1.5 % of reading ± 2.0 at -10 °C to 0 °C ± 3.0 at -30 °C to -10 °C
Response Time (95 %)	<500 ms (95 % of reading) Spectral Response: 8 to 14 microns Emissivity: 0.10 to 1.00
Optical Resolution	10:1 (calculated at 90 % energy)
Display Resolution	0.1 °C (0.2 °F)
Repeatability of Readings	± 0.8 % of reading or ± 1.0 °C (2 °F), whichever is greater
Power	AA battery