

**FLUKE®**

# **TAKES THE HEAT.**

**AND THE DUST, WATER  
AND 3-METER DROP.**

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**Introducing the new 62 Max  
IR Thermometers from Fluke.**





## General Specifications

|                                  | 62 Max                                                                                                 | 62 Max+                                                                                               |
|----------------------------------|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| <b>Temperature Range</b>         | -30 °C to 500 °C (-22 °F to 932 °F)                                                                    | -30 °C to 650 °C (-22 °F to 1202 °F)                                                                  |
| <b>Accuracy</b>                  | $\pm 1.5$ °C or $\pm 1.5$ % of reading<br>$\pm 2.0$ at -10 °C to 0 °C<br>$\pm 3.0$ at -30 °C to -10 °C | $\pm 1.$ °C or $\pm 1.0$ % of reading<br>$\pm 2.0$ at -10 °C to 0 °C<br>$\pm 3.0$ at -30 °C to -10 °C |
| <b>Response Time (95 %)</b>      | <500 ms (95 % of reading)<br>Spectral Response: 8 to 14 microns<br>Emissivity: 0.10 to 1.00            | <300 ms (95 % of reading)<br>Spectral Response: 8 to 14 microns<br>Emissivity: 0.10 to 1.00           |
| <b>Optical Resolution</b>        | 10:1 (calculated at 90 % energy)                                                                       | 12:1 (calculated at 90 % energy)                                                                      |
| <b>Display Resolution</b>        | 0.1 °C (0.2 °F)                                                                                        | 0.1 °C (0.2 °F)                                                                                       |
| <b>Repeatability of Readings</b> | $\pm 0.8$ % of reading or $<\pm 1.0$ °C (2 °F), whichever is greater                                   | $\pm 0.5$ % of reading or $<\pm 0.5$ °C (1 °F), whichever is greater                                  |
| <b>Power</b>                     | AA battery                                                                                             | AA battery                                                                                            |



**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 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.







## **Introducing the Fluke 62 MAX and 62 MAX+ IR Thermometers: Small in size. Big on toughness.**

### **Why IR Thermometers?**

Temperature is often the first indication of potential problems 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 and Fluke 62 MAX+?**

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.

