



Portable Thermometers: Fluke 60 Series Handheld Infrared Thermometers

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Specifications

| | |
|--|---|
| Backlit display for use in poorly lit areas | Fluke 61 Yes Fluke 63 Yes |
| Holds temperature readings | Fluke 61 Yes Fluke 63 Yes |
| Range | Fluke 61 -18 to 275 °C (-0 to 525 °F) Fluke 63 -32 to 545 °C (-25 to 999 °F) |
| MIN/MAX/AVG | Fluke 61 N/A Fluke 63 MAX |
| Datalogging | Fluke 61 N/A Fluke 63 N/A |
| Distance to spot ratio | Fluke 61 8:1 Fluke 63 12:1 |
| Hi-Lo Alarm | Fluke 61 N/A Fluke 63 Yes |
| Optional RTD probe (contact temperature measurement) | Fluke 61 N/A Fluke 63 N/A |
| Emissivity | Fluke 61 Fixed at 0.95 Fluke 63 Fixed at 0.95 |

Measurement Accuracy

| | | |
|----------|---|--|
| Fluke 61 | -18 °C (0 °F) to -1 °C (30 °F) above -1 °C (30 °F) to 275 °C (525 °F) | ± 3 °C (5 °F) ± 2% of reading or 2 °C (3.5 °F) (With the instrument stable between 23-25 °C) |
| Fluke 63 | -32 to -26 °C (-25 to -15 °F): -26 to -18 °C (-15 to 0 °F): -18 to 23 °C (-0 to 73 °F): | ± 3 °C (± 5 °F) ± 2.5 °C (± 4 °F) ± 2 °C (± 3 °F) For targets above 23 °C (73 °F): ± 1% of reading or ± 1 °C (± 2 °F), whichever is greater |