



FLIR TG54-2™

20:1 Spot IR Thermometer

FLIR TG56-2™

30:1 Spot IR Thermometer with Type K Thermocouple



Key Features:

- Take measurements easily from a safer distance, even in hard-to-reach spots
- Intuitive and user-friendly design with a vivid display
- Bright worklights and laser pointer for precise targeting in

Main Applications:

- Inspecting industrial equipment, both electrical and mechanical
- Monitoring equipment for signs of degradation before it fails
- Ensuring energy efficiency in building inspections

SPECIFICATIONS

| Model | TG54-2 | TG56-2 |
|--|---|--|
| Imaging and Optical | | |
| Display | 1.57" Color EBTN | |
| Laser Orientation | Single point laser to upper edge of measurement | |
| Laser Power | <1mW, Class II | |
| IR Range | -30°C to 850°C (-22°F to 1562°F) | -30°C to 1300°C (-22°F to 2372°F) |
| Spectral Response | 8 μm to 14 μm | |
| Measurement and Analysis | | |
| AVG | Last 20 readings | |
| Basic Accuracy | 0°C to 100°C (32°F to 212°F): ±1.0°C (±1.8°F) | |
| Differential (MAX/MIN) | Yes | |
| Distance to Spot Ratio (D:S) | 20:1 | 30:1 |
| Emissivity | 0.01 to 1.00 with 5 presets | |
| Included Type K Thermocouple Probe Range | — | -30°C to 260°C (-22°F to 500°F) |
| Input Type | — | K |
| Input Basic Accuracy | — | ±1°C (±1.8°F) or 1% (whichever is greater) |
| Input Range | — | -30°C to 650°C (-22°F to 1202°F) |
| Max/Min | Min/Max/Avg/Dif | |
| Measurement Resolution | 0.1°C / 0.1°F | |
| Response | 250 Milliseconds | 250 Milliseconds |

| Model | TG54-2 | TG56-2 |
|---|--|---|
| Power | | |
| Auto Power Off | 5 or 15 seconds (selectable) | |
| Continuous Run Time | 8 hours maximum continuous temperature measurements | |
| Power Source | 9V alkaline battery (included) | |
| General | | |
| Alarm | High/low alarms with programmable set points | |
| Alarm Alert | HI or LO will flash on the display | |
| Compatibility | — | Pipe Clamp Probe |
| Datalogging | Manual and automatic data logger | |
| Dimensions (L x W x H) | 192 mm x 94 mm x 64 mm (7.5 in x 3.7 in x 2.5 in) | 192 mm x 125 mm x 64 mm (7.5 in x 4.9 in x 2.5 in) |
| Includes | Spot IR Thermometer, 9V battery, Quick Start Guide and Storage Pouch | Spot IR Thermometer, 9V battery, Quick Start Guide, Storage Pouch, and Thermocouple |
| Memory | 2 x 99 sets data storage | |
| Scanning Mode | Yes | |
| Weight | 292 g (10.3 ounces) | 310 g (10.9 ounces) |
| Worklights | Yes | |
| Environmental and Certifications | | |
| Certifications | CE, UKCA, RCM, WEEE and FDA | |
| IP Rating | IP65 | IP20 |
| Drop Test | 3 m (9.8 ft) | 1 m (3.2 ft) |
| Warranty | Limited 3-Year Warranty | |

Specifications subject to change.

This product is subject to United States export regulations and may require US authorization prior to export, reexport, or transfer to non-US persons or parties. Diversion contrary to US law is prohibited.

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