FLIR TG54-2™

20:1 Spot IR Thermometer

FLIR TG56-2™

30:1 Spot IR Thermometer with Type K Thermocouple



TG54-2



TG56-2

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

www.flir.com/TG54-2
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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 × W × H)	192 mm × 94 mm × 64 mm (7.5 in × 3.7 in × 2.5 in)	192 mm × 125 mm × 64 mm (7.5 in × 4.9 in × 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 × 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. For the most up-to-date specifications, please visit flir.com.

For more information contact: **Sales@TeledyneFLIR.com**
or to find your local support number, visit: **flir.com/contactsupport**
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