

FLIR TG54-2™

20:1 Spot IR Thermometer

FLIR TG56-2™

30:1 Spot IR Thermometer with Type K Thermocouple



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	_	К	
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	

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

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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.

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