FLIR TG54–2: 20:1 Spot IR Thermometer

P/N: TG54-2

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Website

http://www.flir.com

Customer support

http://support.flir.com

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General description	
Part number	TG54–2
Part name	20:1 Spot IR Thermometer
The FLIR TG54–2 Spot IR Thermometer provides non-contact surface temperature readings so you can quickly and easily take measurements in places that are out of reach. Providing a distance-to-spot ratio of up to 20:1, the FLIR TG54–2 can measure small targets from a safe distance. New mode options give you control to view your current reading and the last two temperature readings simultaneously. The FLIR TG54–2 has a color screen that makes it easy to navigate and select settings, plus adds visibility and efficiency to the advanced feature set. The FLIR TG54–2 is your go-to, pocket-sized device for efficient temperature measurement.	
Measure high and low: • Easily take measurements in hard-to-reach spots at a distance. • Take non-contact surface temperature measurements with an infrared sensor. • 20:1 spot ratio to measure small targets from a safe distance. • Easily identify measurement locations with built-in laser targeting.	
Simple to use: • Color display, easy to navigate. • Graphical menu structure allows easy access to settings. • Easy emissivity selection with predetermined levels and custom adjustment. • Visual high and low alarms.	
Convenient and rugged design: • Portable, compact size. • Rugged, industrial IP65 design that can withstand a 3 m drop. • Bright worklight to help you see your target in poor lighting conditions.	

Spot infrared (IR) thermometer	
IR temperature range	–30°C to +850°C (–22°F to +1562°F)
Basic accuracy	0°C to 100°C (32°F to 212°F): ±1.0°C (±1.8°F)
Emissivity	0.01 to 1.00 with 5 presets
Distance to spot	20:1
Field of view angle	0.04°
Measurement resolution	0.1°C (0.1°F)

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Spot infrared (IR) thermometer	
IR temperature response time	250 ms
Spectral response	8 µm to 14 µm
Max/Min	Min/Max/Avg/Dif Avg is from last 20 readings
Alarms	High/low alarms with programmable set points
Alarm alert	HI or LO will flash on the display

Laser	
Laser type	Single class II laser (red; visible light)
Laser power	≤ 1 mW, Class II
Laser alignment	Single point laser to upper edge of measurement

Power source	
Battery	9V alkaline battery (included)
Continuous Run Time	8 hours maximum continuous temperature measurements
Auto Power Off	5 or 15 seconds (selectable)
Battery documents	For documents like MSDS and UN38.3 test reports/summaries, see: https://support.flir.com/resources/msds

General	
Display	1.57” Color EBTN
Datalogging	Manual and automatic data logger
Memory	2 × 99 sets data storage
Scanning mode	Yes
Warranty	Limited 3-Year Warranty https://www.flir.com/testwarranty
Drop test	3 m (9.8 ft.)
IP rating	IP65
Worklight	Yes
Certifications	CE, UKCA, RCM, WEEE and FDA
Declaration of conformity	See: https://support.flir.com/resources/DoC

Physical data	
Weight	292 g (10.3 oz.)
Dimensions (L × W × H)	192 mm × 94 mm × 64 mm (7.5 in. × 3.7 in. × 2.5 in.)

Shipping information	
Packaging type	Retail gift box
Packaging contents	• Spot IR Thermometer • 9V battery • Quick Start Guide • Storage Pouch

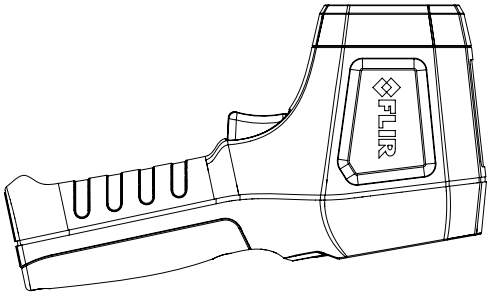
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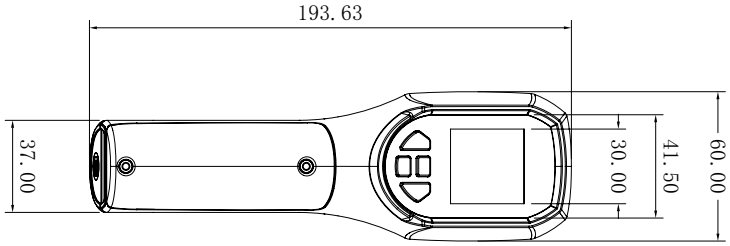
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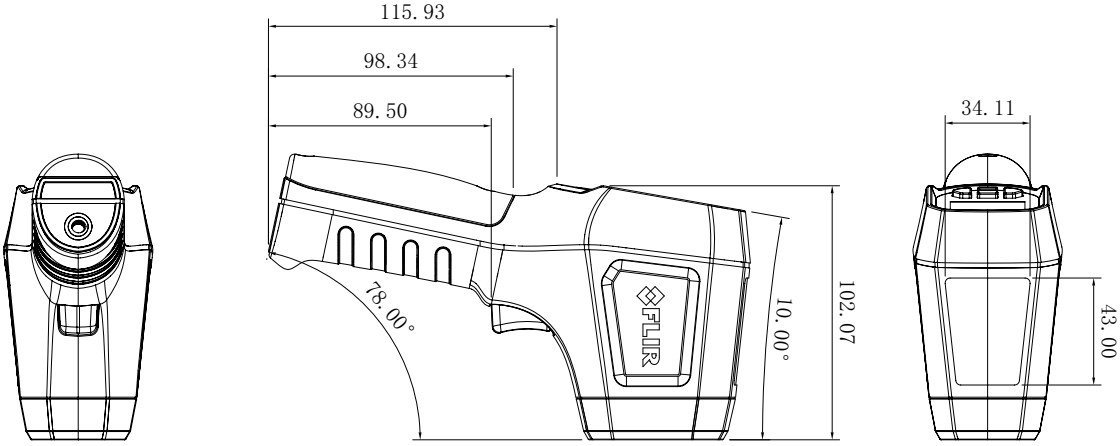
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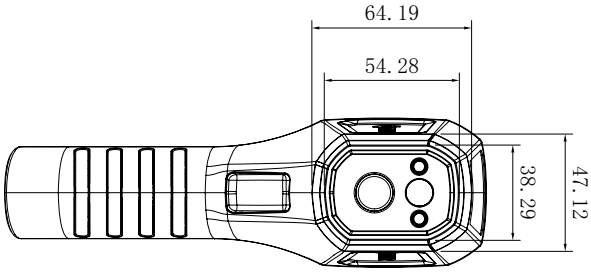
Shipping information	
Packaging weight:	0.683 kg (1.5 lb.)
Packaging dimensions (L × W × H)	28.5 cm × 15 cm × 7.5 cm (11.2 in. × 5.9 in. × 2.95 in.)
UPC	793950402542
EAN	0793950402542
Country of origin	China
Tariff code / ECCN	9025198060 / 3A992a

Technical support	
Website	http://support.flir.com




193.63
37.00
30.00
41.50
60.00


115.93
98.34
89.50
78.00°
10.00°
102.07
34.11
43.00


64.19
54.28
38.29
47.12