FLIR TG54: Spot IR Thermometer

P/N: TG54

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Website

http://www.flir.com

Customer support

http://support.flir.com

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General description	
Part number	TG54
Part name	Spot IR Thermometer
The FLIR TG54 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 24:1, the FLIR TG54 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 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 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. • 24:1 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. • Stunning visual high and low alarms.	
Convenient and rugged design: • Portable, compact size. • Rugged, industrial design that can withstand a 3 m drop. • Bright worklight to help you see your target in poor lighting conditions. • Tool-less battery compartment.	

Spot infrared (IR) thermometer	
IR temperature range	–30°C to +650°C (–22°F to +1202°F)
IR temperature accuracy	–30 to –10°C (–22 to +14°F): ±3.0°C (±5.4°F), –10 to <0°C (14 to <32°F): ±2.0°C (±3.6°F), 0–650°C (32–1202°F): ±1.0°C (±1.8°F) or ±1.0% (whichever is greater)
Emissivity	4 presets plus a custom setting (0.10–0.99)
Distance to spot	24:1
Field of view angle	0.04°
Resolution	0.1°C (0.1°F ≤ 999°F; 1°F ≥ 1000°F)

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#TG54; r. 55966; en-US

Spot infrared (IR) thermometer	
IR temperature response time	150 ms
Measurement modes	3 readings, minimum/maximum, AVG (6000 pts running average)/differential (maximum–minimum)
Alarms	High/low/both, blue and red color indication

Laser	
Laser type	Single class 1 laser (red; visible light)
Laser wavelength	650 ± 20 nm
Laser power	≤0.39 mW
Laser alignment	Parallel to measurement “cone”

Power source	
Batteries	3 × 1.5V AAA
Battery life	>8 hours

General	
Display	1.45 in. color TFT, 128 (W) × 128 (H) pixels
Auto power off	User-adjustable (5, 10, and 20 seconds)
Warranty	https://www.flir.com/testwarranty
Drop test	3 m
IP rating	54
Worklight	Yes
Certifications	CE/FDA laser
Wrist strap	Included

Physical data	
Weight	312 g (11 oz.)
Dimensions (H × W × D)	158 mm × 44 mm × 73 mm (6.2 in. × 1.7 in. × 2.9 in.)

Shipping information	
Packaging type	Retail color box
Packaging contents	TG54, wrist strap/lanyard, user guide, 3 × AAA batteries, warranty registration card
Packaging weight:	0.5 kg (1.1 lb.)
Packaging dimensions (H × W × L)	27.7 × cm 17.3 × cm 17.2 cm (10.9 in. × 6.9 in. × 6.8 in.)
Master carton weight	7 kg (15.5 lb.)
Master carton dimensions (H × W × L)	27.7 × cm 17.3 × cm 7.2 cm (10.9 in. × 6.9 in. × 2.9 in.)
Master carton quantity	12
UPC	793950400548
EAN	0793950400548
Country of origin	China
Tariff code	9025.19.8080

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

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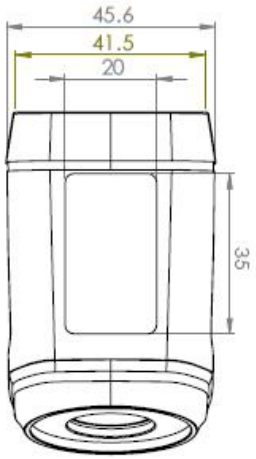

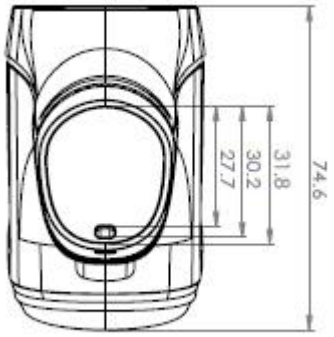

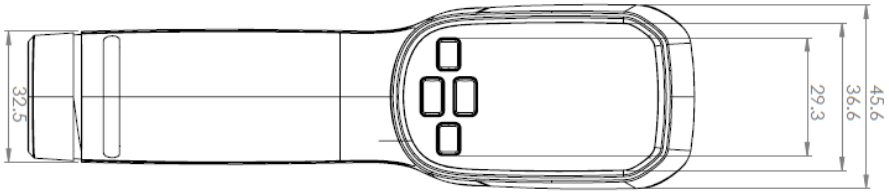
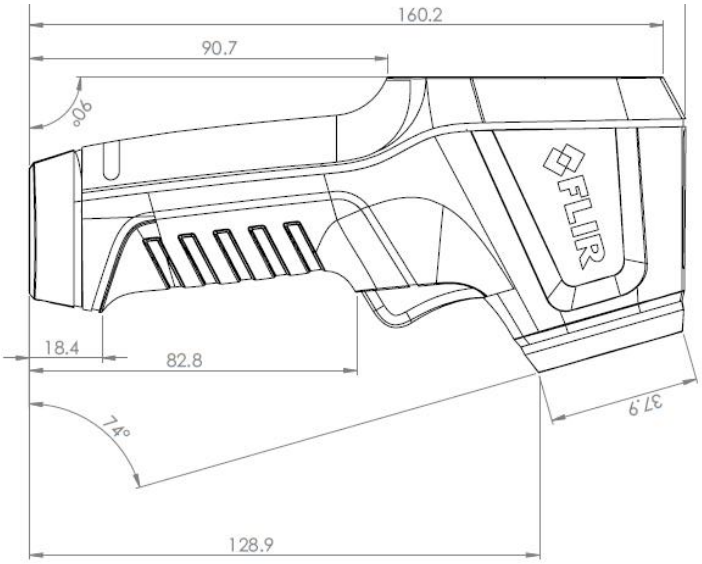
Modified Date	Thursday, November 19, 2015
Description	TG54
Units	Millimeters
Scale	Not to Scale
Modified By	T&M Engineering