



FLIR TG56–2: 30:1 Spot IR Thermometer with Type K Thermocouple

P/N: TG56-2

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Website

<http://www.flir.com>

Customer support

<http://support.flir.com>

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General description	
Part number	TG56–2
Part name	30:1 Spot IR Thermometer
The FLIR TG56–2 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 30:1, the FLIR TG56–2 can measure small targets from a safe distance. Designed for those who require very high temperature measurements, TG56-2 can measure a maximum IR temperature of 1300°C (2372°F). It is also supplied with a Type K thermocouple for contact temperature readings. The FLIR TG56–2 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 TG56–2 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, up to 1300°C, with an infrared sensor. • 30:1 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 design that can withstand a 1 m drop. • Bright worklight to help you see your target in poor lighting conditions.	
Spot infrared (IR) thermometer	
IR temperature range	–30°C to +1300°C (–22°F to +2372°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	30:1
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 μ m to 14 μ m
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
Included Type K Thermocouple Probe Range	-30°C to 260°C (-22°F to 500°F)
Input Type	K
Input Basic Accuracy	$\pm 1^\circ\text{C}$ ($\pm 1.8^\circ\text{F}$) or 1% (whichever is greater)
Input Range	-30°C to 650°C (-22°F to 1202°F)
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 $\times$ 99 sets data storage
Scanning mode	Yes
Compatibility	Pipe Clamp Probe
Warranty	Limited 3-Year Warranty https://www.flir.com/testwarranty
Drop test	1 m (3.2 ft.)
IP rating	IP20
Worklight	Yes
Certifications	CE, UKCA, RCM, WEEE and FDA
Declaration of conformity	See: https://support.flir.com/resources/DoC
Physical data	
Weight	310 g (10.9 oz.)
Dimensions (L $\times$ W $\times$ H)	192 mm $\times$ 125 mm $\times$ 64 mm (7.5 in $\times$ 4.9 in $\times$ 2.5 in)



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Shipping information	
Packaging type	Retail gift box
Packaging contents	• Spot IR Thermometer • 9V battery • Quick Start Guide • Storage Pouch • Thermocouple
Packaging weight:	0.750 kg (1.65 lb.)
Packaging dimensions (L × W × H)	28.5 cm × 15 cm × 7.5 cm (11.2 in. × 5.9 in. × 2.95 in.)
UPC	793950402566
EAN	0793950402566
Country of origin	China
Tariff code / ECCN	9025198060 / 3A992a
Technical support	
Website	http://support.flir.com

Supplies & accessories:

- TA60; Thermocouple probe with adapter

