



# FLIR

## TG54/TG56

### Spot IR Thermometers

The TG54 and TG56 Spot IR (Infrared) Thermometers provide 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 TG54 and TG56 can measure smaller targets from a safer distance. New mode options give you control to view your current reading and last two temperature readings simultaneously. The TG54 and TG56 are built with a color screen that makes it easy to navigate and select settings, plus adds visibility and efficiency to the advanced feature set. The TG54 and TG56 are your go-to, pocket-sized devices for efficient temperature measurement.

#### Measure high and low.

*Easily take measurements in hard-to-reach spots from farther away*

- Take non-contact surface temperature measurements with IR (infrared) sensor
- 24:1 or 30:1 spot ratio to measure smaller targets from a safer distance
- Easily identify measurement location 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 three meter drop
- Bright worklight to help you see your target in poor lighting conditions
- Tool-less battery compartment



TG54 and TG56 feature powerful LED worklights



Easily identify measurement location with built-in laser

# Specifications

Spot IR Specifications	TG54	TG56
Distance to Spot Ratio (D:S)	24:1	30:1
Range	-30°C to 650°C (-22°F to 1202°F)	
Basic Accuracy	±1°C/1.8°F or 1% of Reading	
Emissivity	Adjustable with 4 presets and custom option	
Resolution	0.1°C / 0.1°F	
Response	≤150 Milliseconds	
Spectral Response	5 to 14 microns	
Thermocouple (TC) Input Specifications		
Input Type	-	K
Input Range	-	-30°C to 650°C (-22°F to 1202°F)
Input Basic Accuracy	-	±2°C/3.6°F or 1% of Reading
Measurement Resolution	-	0.1°C / 0.1°F
Included Type K Thermocouple Probe Range	-	-30°C to 300°C (-22°F to 572°F)
Features		
Max / Min	-	Yes
Differential (MAX-MIN)	-	Yes
AVG (6k pts running average)	-	Yes
TC / IR Differential Mode	-	Yes
Alarm	-	High / Low
Alarm Alert	-	Color (Red / Blue) indication
General		
Display (w x h)	1.45" TFT LCD (128 x 128 pixels)	
Laser Orientation	Single laser pointer to center of measurement spot, Class 1	
Warranty*	5 Year	
IP Rating	Designed for IP56	-
Drop Test	Designed for 3m	
Continuous Run Time	8hrs Maximum	
Power Source	3 x AAA alkaline	
Auto Power Off	Yes with Pre-set adjustment level and Disable option	
Certifications	CE / FDA Laser	
Includes	Wrist Strap Lanyard, Quick Start Guide, User Manual (CD), 3 x AAA Batteries, (TG56 adds General Purpose Type K Thermocouple)	

Ordering Information	UPC	EAN
TG54	793950400548	0793950400548
TG56	793950400562	0793950400562
TA60 Thermocouple Probe with Adapter	793950377604	0793950377604

## USA-NASHUA

FLIR Systems, Inc.  
9 Townsend West  
Nashua, NH 03063  
USA  
PH: +1 866.477.3687

## USA-PORTLAND

Corporate Headquarters  
FLIR Systems, Inc.  
27700 SW Parkway Ave.  
Wilsonville, OR 97070  
USA  
PH: +1 866.477.3687

## EUROPE

FLIR Systems  
Luxemburgstraat 2  
2321 Meer  
Belgium  
PH : +32 (0) 3665 5100

www.flir.com  
NASDAQ: FLIR

## UNITED KINGDOM

FLIR Systems UK  
2 Kings Hill Av. - Kings Hill  
West Malling  
Kent  
ME19 4AQ  
United Kingdom  
Tel. : +44 (0)1732 220 011  
Fax : +44 (0)1732 843 707  
E-mail : flir@flir.com

Equipment described herein may require US Government authorization for export purposes. Diversion contrary to US law is prohibited. Imagery for illustration purposes only. Specifications are subject to change without notice. ©2015 FLIR Systems, Inc. All rights reserved. [Updated 08/12/15]