

## TECHNICAL DATA

# Fluke 59 Mini Infrared Thermometer



## Key features

- Small in size easily fit in your pocket
- Laser targeting for fast, precise measurements
- Backlit display for easy reading in dark work areas
- 8:1 distance to spot ratios measures a 10 cm spot from 10 meters to target just what you want
- ± 2% basic accuracy gives you readings you can trust

## Product overview: Fluke 59 Mini Infrared Thermometer

The Fluke 59 Mini Infrared Thermometer is the perfect combination of small size and big capability. With laserprecision targeting and 2% basic accuracy, the Fluke 59 Mini IR Thermometer enables professionals to diagnose heating and ventilation problems and monitor the temperature of electrical motors and electrical panels without contact. The 59 Mini puts quick, reliable temperature checks at your fingertips.

## Specifications: Fluke 59 Mini Infrared Thermometer

### Specifications

Measurement range	- 18°C to 275°C (0°F to 525°F)
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Accuracy	<b>100°C - 275°C (212°F to 515°F):</b>	±2% of reading
	0°C - 100°C (32°F to 212°F):	±2°C(3.5°F) of reading
	Below 0°F (32°F):	±3°C(5.5°F) of reading
Repeatability	±1% of reading or ±1°C whichever is greater	
Emissivity	Pre-set 0.95	
Distance-to-spot size	8:1 calculated @ 90% energy	
Response time	< 500ms	
Display resolution	0.2°C (0.5°F)	
Spectral range	6.5 – 18 um thermopile detector	
Display hold 7 seconds	Yes	
LCD backlight	Yes	
Temperature display	°C or °F selectable	
Low battery indicator	Yes	
Ambient operating range	0°C - 50°C (32°F to 120°F)	
Relative humidity	10% - 90% RH non-condensing @ up to 30°C(86°F)	
Storage temperature	-20°C - 65°C(-4°F to 150°F) without battery	
Power	9V battery included	
Battery life	4 hours	
Weight	200g, with battery	
Dimensions (H x L x W)	152mm x 102mm x 38mm	
Standards	Conforms to EN 61326-1 electromagnetic	
	Emissions and susceptibility	
	EN 61010-1 General safety	
	EN 60825-1 Laser safety	
Certification	CE, CMC	
Warranty	1 year	

## Ordering information



### **FLUKE-59**

Fluke 59 Mini Infrared Thermometer

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Fluke 59 includes:

- Battery
- Quick Start Guide

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