

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
- $\pm 2\%$  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 laser precision 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)	
Accuracy	100°C - 275°C (212°F to 515°F):	$\pm 2\%$ of reading
	0°C - 100°C (32°F to 212°F):	$\pm 2^\circ\text{C}(3.5^\circ\text{F})$ of reading
	Below 0°F (32°F):	$\pm 3^\circ\text{C}(5.5^\circ\text{F})$ 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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06/2024

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