

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 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

-20°C to 275°C (-4°F to 525°F)

Accuracy	100u00b0C - 275u00b0C (212u00b0F to 515u00b0F):	u00b12% of reading
	0u00b0C - 100u00b0C (32u00b0F to 212u00b0F):	u00b12u00b0C(3.5u00b0F) of reading
	Below 0u00b0F (32u00b0F):	u00b13u00b0C(5.5u00b0F) of reading
Repeatability	u00b11% of reading or u00b11u00b0C whichever is greater	
Emissivity	Pre-set 0.95	
Distance-to-spot size	8:1 calculated @ 90% energy	
Response time	< 500ms	
Display resolution	0.2u00b0C (0.5u00b0F)	
Spectral range	6.5 u2013 18 um thermopile detector	
Display hold 7 seconds	Yes	
LCD backlight	Yes	
Temperature display	u00b0C or u00b0F selectable	
Low battery indicator	Yes	
Ambient operating range	0u00b0C - 50u00b0C (32u00b0F to 120u00b0F)	
Relative humidity	10% - 90% RH non-condensing @ up to 30u00b0C(86u00b0F)	
Storage temperature	-20u00b0C - 65u00b0C(-4u00b0F to 150u00b0F) 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

Fluke 59 includes:

- Battery
- Quick Start Guide

Fluke. *Keeping your world up and running.®*

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