

Fluke 59 Mini Infrared Thermometer

Reliable temperature measurements

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.



Technical Data

Product highlights

- 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

Ordering information Fluke 59 Mini Infrared Thermometer

Includes
Thermometer, One (1) 9V battery, registration card and user instructions.

Fluke. *The Most Trusted Tools in the World.*

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General specifications		
Temperature range	-18 °C to 275 °C (0 °F to 525 °F)	
Accuracy: ambient operating temperature between 21 °C and 25 °C (69 °F and 77 °F)	100 °C to 275 °C (212 °F to 525 °F)	$\pm 2\%$ of reading
	0 °C to 100 °C (32 °F to 212 °F)	$\pm 2\%$ ($\pm 3.5\%$ °F)
	below 0 °C (32 °F)	$\pm 3\%$ ($\pm 5.5\%$ °F)
Response time (95%)	<500mSec	
Spectral response	6.5 to 18 microns	
Emissivity	Preset to E=0.95	
Optical resolution (D:S)	8:1 (calculated at 90 % energy)	
Repeatability	$\pm 1\%$ of reading or $\pm 1\%$ °C ($\pm 2\%$ °F) whichever is greater	
Ambient operating range	0 °C to 50 °C (32 °F to 120 °F)	
Relative humidity	10-90 % RH non-condensing, @ 30 °C (86 °F)	
Storage temperature	-20 °C to 65 °C without battery (-4 °F to 150 °F without battery)	
Weight/dimensions (with battery)	200 g 152 x 102 x 38 mm (7oz. 6 x 4 x 1.5 in)	
Power	9 V battery	
Battery life	4 Hours	
Display resolution	0.2 °C (0.5 °F)	
Display hold	7 seconds	
Standards	EN 61326-1 Electromagnetic Emissions and Susceptibility , EN 61010-1 General Safety, EN 60825-1 Laser Safety	
Laser	FDA and IEC Class II	
Certifications	CE	