Fluke 59 MAX+ Infrared Thermometer

Fluke 59 MAX+ Infrared Thermometer delivers the precision you need to do your job accurately and within your budget. It features a 10:1 distance to spot ratio and precise single laser targeting for accurate and repeatable measurements.

Rating: Not Rated Yet
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ManufacturerFluke

Description

Key features

- Easy to handle infrared thermometer with precise laser targeting and 10:1 distance to spot ratio
- Measures temperatures from -30°C to 500°C (-22°F to 932°F)
- Provides IP40 rating for extra protection
- Presents a large, backlit LCD display for easy viewing
- Features a small, lightweight design that fits easily fits into your tool bag

Specifications: 59 MAX+ Infrared Thermometer

Specifications		
Temperature Range	-30°C to 500°C (-22°F to 932°F)	
Accuracy (Calibration geometry with ambient temperature 23°C ±2°C)	**? 0°C**	±1.5°C or ±1.5% of reading, whichever is greater
	? -10°C to < 0°C:	±2.0°C
	< -10°C	±3.0°C
	? 32°F	±3.0°F or ±1.5% of reading, whichever is greater
	? 14°F to < 32°F	±4.0°F
	< 14°F:	±6.0°F
Response Time (95%)	< 500 ms (95% of reading)	
Spectral Response	8 mm to 14 mm	
Emissivity	0.10 to 1.00	
Distance to Spot Ratio	10:1 (calculated at 90% energy)	
Display Resolution	0.1°C (0.2°F)	
Repeatability (% of reading)	±0.8% of reading or ±1.0°C (±2.0°F), whichever is greater	

Power	1 AA IEC LR06 Battery
Battery Life	12 hours with laser and backlight on
Weight	220 g (7.76 oz)
Size	156 x 80 x 50 mm (6.14 x 3.15 x 2 in)
Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	-20°C to +60°C (-4°F to 140°F), (without battery)
Operating Humidity	10% to 90% RH non-condensing @ 30°C (86°F)
Operating Altitude	2000 meters above mean sea level
Storage Altitude	12,000 meters above mean sea level
Drop Test	1 m
Ingress Protection Rating	IP40 per IEC 60529
Vibration and Shock	IEC 68-2-6 2.5 g, 10 to 200 Hz, IEC 68-2-27, 50 g, 11 ms
Compliance	EN/IEC 61010-1
Laser Safety	FDA and EN 60825-1 Class II
Electromagnetic Compatibility	61326-1 EN 61326-2