Fluke 64 MAX IR Thermometer

The Fluke 64 MAX thermometer has the precision you need to do your job accurately and will not break the budget. Designed and tested to survive a 3 meter drop, you can count on this lightweight, compact infrared thermometer to work when you need it to work – even in the harshest environments and when you're not able to be there.

Rating: Not Rated Yet
Ask a question about this product

ManufacturerFluke

Description

Key features

- Precise laser technology for more accurate and repeatable measurements
  - Temperature accuracy of up to ± 1? or ± 1% of reading whichever is greater with 20:1 distance to spot ratio
- Flashlight and large, easy-to-read backlit LCD display for easy viewing even in dark environment
- IP54 rated for extra protection against airborne contaminants
- Get your tool to work when you can't - set time and desired interval between measurements and Auto Capture will capture spot temperatures unattended
- 99 data point logging
- 30 hour battery life so your tool can perform as long as you need it to
- Displays the minimum, maximum or average temperature, or the difference between two measurements
- Hi and Lo alarms for rapid display of measurements outside set limits
- Small and lightweight design fits easily into your tool box
- Powered by one (1) AA alkaline battery

Specifications: Fluke 64 MAX IR Thermometer

Key features	64 MAX
Temperature Range	-30 °C to 600 °C (-22 °F to 1112 °F)
Accuracy (Calibration geometry with ambient temperature 23 °C +/- 2 °C	± 1.0 °C or ± 1.0 % of reading, whichever is greater ± 2.0 °C at -10 °C to 0 °C ± 3.0 °C at -30 °C to -10 °C
Optical Resolution	20 : 1 (calculated at 90 % energy)
Response Time (95 %)	< 500 ms (95% of reading)
Spectral Response	8 to 14 microns
Emissivity	0.10 to 1.00
Display Resolution	0.1 °C (0.2 °F)

Repeatability (% of reading)	± 0.5% of reading or ± 0.5 °C (whichever is greater)
Auto Capture	Set time and interval to capture up to 99 measurements
Internal memory	99 data point logging capability
Flashlight	Yes
Power	1 AA battery
Battery life	30 hours with laser and backlight on
Weight	255 g (8.99 oz)
Size	(175 x 85 x 75) mm (6.88 x 3.34 x 2.95) inches
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	Non- condensing @ ? 10 °C (50 °F) ? 90 % RH @ 10 °C (50 °F) to 30 °C (86 °F) ? 75 % RH @ 30 °C (86 °F) to 40 °C (104 °F) ? 45 % RH @ 40 °C 104 °F to 50 °C (122 °F)
Operating Altitude	2,000 meters above mean sea level
Optical Resolution	12,000 meters above mean sea level
Drop test	3 meters
Implement Standard	Q/ASF01
Compliance	IEC 61010-1: Pollution Class 2
Laser Safety	
Ingress Protection Rating	IP 54 per IEC 60529

IEC 60825-1 Class 2, 650 nm, < 1 mW