

# MarMonix MIT320

## Infrared thermometer



### Quick Spec Highlights

- **Measurement Range:** -50 to 400°C (-58 to 752°F)
- **Accuracy:** ±1.5°C (±2.7°F) or ±1.5% (0°C to 400°C), ±3°C (±5°F) (-50°C to 0°C)
- **Response Time:** 500 ms (95% response)
- **D:S Ratio:** 12:1

### Key Features

- Non-contact infrared temperature measurement for safe operation
- Fast response time (500 ms) ensures real-time monitoring
- High-resolution display (0.1°C / 0.1°F) for precise readings
- Stable performance with repeatability of 1% or 1°C
- Preset emissivity (0.95) for consistent measurement across surfaces
- Compact and reliable design for industrial and laboratory applications

### Specifications

Specifications	
Temperature range	-50 ~ 400°C (-58 ~ 752°F)
Accuracy	0°C~400°C (32°F~752°F) : ±1.5°C(±2.7°F) or±1.5% -50°C~0°C(-58°F~32°F): ±3°C (±5°F) Whichever is greater
Resolution	0.1°C or 0.1°F
Repeatability	1% of reading or 1°C
Response time	500 mSec, 95% response
Spectral response	5-14 um
Emissivity	0.95 Preset
Distance to Spot size	12:1
Operating Temperature	0 ~40°C (32 ~ 104°F)
Operating Humidity	10~90%RH non-condensing, up to 30°C(86°F)
Storage Temperature	-20 ~ 60°C (-4~140°F)
Power	1.5V AAA*2 battery
Typical battery life	Laser off:12 hrs

### Ordering Info

- **Part Number :** 7603101
- **GTIN:** 6298043998017

### Package Contents

- 1 x MIT 320 (main unit)
- 2 x 1.5V AAA battery
- 1 x User Manual
- 1 x Protective Box
- 1 x Certificate of Conformity
- 1 x Warranty Card

### Warranty

This device is covered by a 2-year warranty from the date of purchase, ensuring reliability and long-term support. The warranty applies to defects in materials and workmanship under normal use. It excludes consumables (fuses, disposable batteries) and damage caused by accident, misuse, modification, contamination, or operation outside specified conditions.