

# MarMonix MIT900

## Infrared thermometer

### Data Sheet



### Quick Spec Highlights

- **Measurement Range:** -50 to 950 °C (-58 to 1742 °F)
- **Accuracy:** ±1.5 °C / ±1.5% (0 to 950 °C); ±3 °C (-50 to 0 °C)
- **Response Time:** 500 ms (95% response)
- **D:S Ratio:** 12:1

### Key Features

- **Data Functions:** Max, Min, Average, and Difference readings for comprehensive analysis.
- **Emissivity Control:** Adjustable 0.10 to 1.00 (preset 0.95) for accurate results on various materials.
- **Targeting Laser:** Improves aiming precision and reduces measurement errors.
- **Temperature Alarms:** Configurable high/low thresholds enhance safety in critical processes.
- **User Support Functions:** °C/°F unit conversion, data hold, and backlit LCD for field visibility.

### Ordering Info

- **Part Number :** 7603131
- **GTIN:** 6298043998192

### Package Contents

- 1 x MIT 900 (main unit)
- 1 x 9V Battery
- 1 x Protective Storage Case
- 1 x User Manual
- 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.

### Specifications

Specifications	
Temperature range	-50~950°C (-58~1742°F)
Accuracy	0~950°C(32~1742°F) :±1.5°C(±2.7°F) or±1.5% -50~0°C(-58~32°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	8-14 um
Emissivity	0.10~1.00 Adjustable (0.95 Preset)
Distance to Spot size	12:1
Operating Temperature	0 ~40°C (32 ~ 104°F)
Operating Humidity	10~95%RH non-condensing, up to 30°C(86°F)
Storage Temperature	-20 ~ 60°C (-4~140°F)
Power	9V Alkaline or NiCd battery
Typical battery life (Alkaline)	Non-laser mode: 22 hrs; Laser Models:12 hrs
Weight	220g
Dimension	175*100*49mm