MarMonix MIT550E
Infrared thermometer

Quick Spec Highlights

- **Measurement Range:** -50 to 550℃ (-58 to 1022℉)
- **Accuracy:** ±1.5℃ (±2.7℉) or ±1.5% (0 to 550℃) / ±3℃ (±5℉) (-50~0℃)
- **Response Time:** 500 ms (95% response)
- **D:S Ratio:** 12:1

Key Features

- Wide -50 to 550℃ range for versatile industrial and laboratory use
- Adjustable emissivity (preset 0.95) for improved accuracy on different surfaces
- Laser targeting for precise spot measurement
- Max / Min / Average / Difference display to analyze temperature variations
- High / Low alarm settings for safety and process control
- Automatic shutdown & long battery life for efficient operation

Ordering Info

- **Part Number** : 7603111
- **GTIN**: 6298043998178

Package Contents

- 1 x MIT 550E (main unit)
- 1 x 9V 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.

Specifications

Specifications	
Temperature range	-50~550℃ (-58~1022℉)
Accuracy	0~550℃(32~1022℉) :±1.5℃(±2.7℉) or±1.5% -50~0℃(-58~32℉):±3℃ (±5℉) Whichever is greater
Resolution	0.1℃ or 0.1℉
Repeatability	1% of reading or 1℃
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℃ (32 ~ 104℉)
Operating Humidity	10~95%RH non-condensing，up to 30℃(86℉)
Storage Temperature	-20 ~ 60℃ (-4~140℉)
Power	9V Alkaline or NiCd battery
Typical battery life (Alkaline)	Non-laser mode: 22 hrs; Laser Models:12 hrs
Weight	147.5g
Dimension	153*101*43mm

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