

MarMonix Infrared thermometer

Model: MIT 320

Short Introduction

This infrared thermometer measures surface temperature safely and quickly without contact. It uses optics to collect infrared energy, which is converted into an electrical signal and displayed digitally on the LCD after processing.

Designed for convenience and safety, this infrared thermometer detects surface temperatures without direct contact — ideal for hot, moving, or hard-to-reach targets. It uses optical sensors to capture infrared energy and convert it into accurate digital readings on a clear LCD screen. With built-in laser aiming, 12:1 distance-to-spot ratio, and adjustable emissivity, it ensures precise results in industrial and kitchen environments alike.



Marmonix / MIT 320

Temperature range	-50 ~ 400°C (-58 ~ 752°F)
Accuracy	0°C~400°C (32°F~752°F) : $\pm 1.5^{\circ}\text{C} (\pm 2.7^{\circ}\text{F})$ or $\pm 1.5\%$ -50°C~0°C (-58°F~32°F): $\pm 3^{\circ}\text{C} (\pm 5^{\circ}\text{F})$ Whichever is greater
Repeatability	1% of reading or 1°C
Response time	500 mSec, 95% response
Spectral response	5-14 μm
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