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Model:GM550

Certification:CE, FCC, RoHS, FDA

Minimum Order:60

Brief Description:The Infrared Thermometer is used for measuring the temperature of the object's surface, safely and quickly.

red	Yellow + black
Provide Processing Custom Or Not	Yes
Measurement Range	-50 ~ 550C

Detail Description

A. Introduction

This infrared thermometer is used for measuring the temperature of the object's surface, which is applicable for various hot, hazardous or hard-to-reach objects without contact safely and quickly.

This unit consists of Optics, Temperature sensor signal amplifier, processing circuit and LCD display. The optics collect the infrared energy emitted by the object and focus

onto the sensor. Then the sensor translates the energy into an electricity signal. This signal will be turned out to be digital shown on the LCD after the signal amplifier and processing circuit.

B. Functions:

1. Celsius / Fahrenheit switchable
2. Equipped with a laser for aiming
3. Temperature hold
4. LCD backlight
5. 20 seconds auto power off
6. Light weight and easy operation

C. Specification

Temperature Range	-50°C~550°C(-58°F~1022°F)
Accuracy	*0°C~550°C(32°F~1022°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	8~14 um
Emissivity	0.95 Preset
Distance to Spot size	12:1
Operating Temperature	0°C~40°C(32°F~104°F)
Operating Humidity	10~95% RH non-condensing up to 30°C(86°F)
Storage Temperature	-20~60°C(-4°F~140°F)
Power	9V battery
Typical battery life	Non-laser mode: 22 hrs; Laser mode: 12 hrs
Weight	147.5g
Dimension	153x101x43mm