Metrix+™
Innovative Excellence

INFRARED THERMOMETER

MT 2-C

Color screen

Measuring principle

The underlying technology for Infrared Thermometer is based on the principle that all objects emit radiation at wave lengths in the infrared region of the electromagnetic radiation spectrum. Infrared thermometer measures this radiation and provides an output display in the form of temperature.

Applications

The device is useful for measuring temperature under circumstances where thermocouples or other probe type sensors cannot be used. Its major usage includes in the heating and air conditioning systems, food safety, agriculture, electrical systems and most other industries.

Features

- Color display for better readability.
- ºC / ºF convertible.
- Selectable laser pointer operation.
- Auto Power off and Data hold functionality.

Technical Specifications

Model	*Metrix+* MT 2-C
Measuring range	-50ºC ~ 380ºC (-58ºF ~ 716ºF)
Accuracy	-50ºC (-58ºF) ~ 0ºC (32ºF) : ±3ºC 0ºC(32ºF) ~ 100ºC(212ºF) : ±2ºC Above 100ºC (212ºF) : ±2ºC or ±2% whichever is greater
Distance to Spot Ratio	12 : 1
Response Time	500 ms, 95% responsive
Spectral response	8-14 um
Emissivity	preset 0.95
Ambient operating range	0 to 40ºC (32 to 104ºF) 10-95% RH noncondensing, @ up to 30ºC (86ºF)
Storage temperature	-20 ~ 60ºC (-4 ~ 140ºF) without battery
Dimensions	146*80*38mm
Weight	130g
Power	2 x AAA battery
Standard Accessories	Battery, Operational Manual ; Blister Packing