ST490
INFRARED THERMOMETER

High Accuracy

The combination of the latest temperature sensor technology and advanced Fresnel lens, due to the adjustable emissivity, the device can read high precision values up to ± 2% in 0.5 seconds. The point-to-point distance is 12: 1, which means you can measure the target over a longer distance.

Universal Design

Infrared thermometer can be used to measure everyday and industrial temperatures, such as cooking, refrigeration, steel, glass, plastic, food, etc. (Note: It cannot be used to measure the temperature of the human / animal forehead temperature) It is accurate on the red laser.

A Better User Experience

The integrated red laser can precisely aim and find the measurement target with precision, large rooms with color screen and clear readings.

Can measure internal temperature range: -50 ° C to + 300 ° C / -58 ° C to + 572 ° F, fast reading, large LCD screen, 304 stainless steel probe, high precision (± 1 ° C / ° F), can be used for domestic refrigeration or cooking, heating measuring food or daily use. Automatically stops after 15 minutes. The best homemade infrared gift thermometer can be used for cooking, barbecue, auto repair, home maintenance and repair or other household chores. For high temperatures, toxic or difficult to reach objects, can be measured and safely used this product. Used in conjunction with a meat thermometer, it is the best kitchen assistant for chefs and foodies, and can provide better help in everyday life.

1. Digital color LCD screen with back light, convenient for reading at night.
2. Safely measuring surface temperature of hot, dangerous or hard to reach objects without contact.
3. Wide Measuring range, high performance and high accuracy.
4. Includes data lock, switchable laser positioning and auto power off.

5. Switchable temperature units: Celsius (° C) and Fahrenheit (° F).

6. Low battery indication and laser indication functions.

7. Widely used to measure the temperature of the object's surface.

Accuracy: -50 ° C (-58 ° F) to 0 ° C (32F) ± 3 ° C

          0C (32 ° F) to 100 ° C (212 ° F) ± 2 °

          100 ° C here before ± 2 ° C or ± 2% whichever is higher

High Low Temp. Alarm: only for ST490 +

Emissivity (pre-set 0.95): 0.10 ~ 1.00 adjustable only for ST490 +

Distance from spot size: 12: 1

Spectral response: 8-14 µm and 500 ms

Reproducibility: 1% of reading or 0.1 ° C

Celsius / Fahrenheit device switch: Yes

Laser ponits: 13 points

Ambient operating range: -58 ℉ ~ 1112 ℉ (-50 ℃ ~ 600 ℃)

Relative humidity: 10-95% relative humidity without condensation

Storage temperature: -20 to 60 ° C (-4 ° F to 140 ° F)

Hold Function Data: Yes

laser pointer hot spot location: Yes

Automatic power off Function: Yes

Power: 9v alkaline (not included)