Infrared & K-Type Thermometer with Laser marker

Model: 314P

Features:

- Portability and simplicity one-hand operation
- With MAX, MIN record function
- Auto DATA HOLD function after releasing Meas Button
- With SET, Hi, Lo limits beeper function
- Use thermopile detection sensor (6-14µm)
- Automatic adjustable emissivity (ε) 0.1 to 1.00
- Thermocouple offset adjust
- Hand-Held lightweight design
- Continuity measurement function

Applications:

- Measure surface temperature of objects which are difficult to reach or unsafe to contact
- Measure hot spots in electrical panels and equipment
- In-process temperature measurements

Specifications:

Display: 3½ digit liquid crystal display (LCD) with a maximum reading of 1999.
Low battery indication: The " " is displayed when the battery voltage drops below the operating level.
Operating environment: 0°C to 50°C, <75% R.H..
Storage environment: -20°C to 60°C, 0 to 80% R.H. with battery removed from meter.
Accuracy: Stated accuracy at 23°C±5°C, <75% R.H..
Dimensions: 190mm(H) x 65mm(W) x 35mm(D).
Weight: Approx. 210g. (including battery).

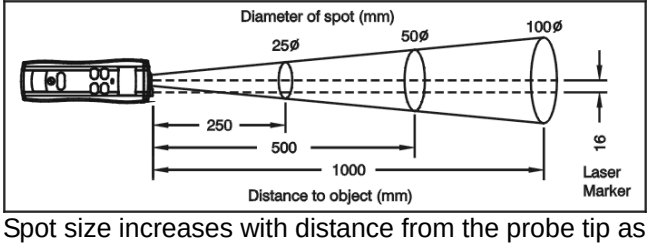
Temperature:

Infrared

Sensor: Thermopile (6-14µm)
Range: -20°C to 550°C, -4°F to 1022°F
Resolution: 0.5/1°C(Auto), 1°F
Accuracy: ±2.0% of reading or ±3°C or ±6°F (whichever is greater)

Laser Specifications:

Laser safety classification of Class 2
Wave Length: Red (630nm~670nm).
Operating Distance: 2 to 50 feet.
Power out: <1mW, class 2 laser product.



Spot size increases with distance from the probe tip as shown

K-Type Temperature:

Sensor: K-type (NICKEL-CHROMIVM Vs. NICKEL-ALUMINUM)
Range: -200°C to 1372°C, -328°F to 1999°F
Resolution: 0.1°/1°(Auto)
Accuracy: ±(0.1%rdg + 1°C) on -50°C to 1372°C
±(0.1%rdg + 2°C) on -50°C to -200°C
±(0.1%rdg + 2°F) on -58°F to 1999°F
±(0.1%rdg + 4°F) on -58°F to -328°F