

# Infrared & K-Type Thermometer with Laser marker

## 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 (6-14 $\mu$ m)
- Automatic adjustable emissivity ( $\epsilon$ ) 0.1 to 1.00
- Thermocouple offset adjust
- Hand-Held lightweight design
- Continuity measurement function

Model: 314P




## 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 $\pm$ 5°C, <75% R.H..

Dimensions: 190mm(H) x 65mm(W) x 35mm(D).

Weight: Approx. 210g. (including battery).

## Temperature:

### Infrared

Sensor: Thermopile (6-14 $\mu$ m)

Range: -20°C to 550°C, -4°F to 1022°F

Resolution: 0.5/1°C(Auto), 1°F

Accuracy:  $\pm$ 2.0% of reading or  $\pm$ 3°C or  $\pm$ 6°F (whichever is greater)

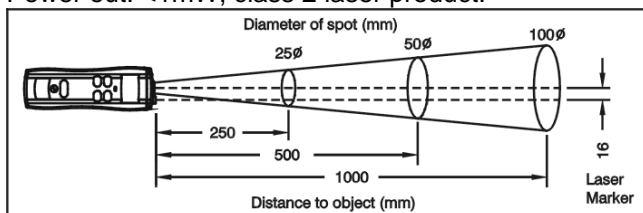
### Laser Specifications:

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-CHROMIUM Vs. NICKEL-ALUMINUM)

Range: -200°C to 1372°C, -328°F to 1999°F

Resolution: 0.1°/1°(Auto)

Accuracy:  $\pm$ (0.1%rdg + 1°C) on -50°C to 1372°C

$\pm$ (0.1%rdg + 2°C) on -50°C to -200°C

$\pm$ (0.1%rdg + 2°F) on -58°F to 1999°F

$\pm$ (0.1%rdg + 4°F) on -58°F to -328°F



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