

Non-Contact Infrared with Laser marker

Features:

- CE-Mark approval
- Portability and simplicity one-hand operation
- Dual display Back-Light feature
- With MAX, MIN record function
- Auto DATA HOLD function after releasing MEASURE Button
- Use thermopile detection sensor (6-14 μ m)
- Adjustable emissivity (ϵ) 0.1 to 1.00
- K-TYPE function (CHY314)
- Auto power off function

Model: 311



Model: 314
IR+K Type




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, <70% 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: 170mm(H) x 65.5mm(W) x 35mm(D).

Weight: Approx. 195g. (including probe and battery)

Infrared Temperature:

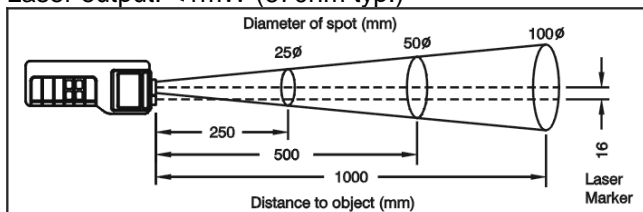
Sensor: Thermopile (6-14 μ m)

Range: -20°C to 550°C, -4°F to 1022°F

Resolution: 1°C, 1°F

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

Laser output: <1mW (670nm typ.)



Spot size increases with distance from the probe tip as shown

K-Type Temperature: (CHY314)

Sensor: K-type (NICKEL-CHROMIUM Vs. NICKEL-ALUMINUM)

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

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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