

Infrared Thermometer with Laser marker

Model: 610L

Features:


- CE-Mark approval
- Portability and simplicity one-hand operation
- Display Back-Light feature
- Auto DATA HOLD function after releasing MEASURE Button
- Signal output function (output impedance 10K Ω)
- Use thermopile detection sensor (6-14 μ m)
- Fixed emissivity (ϵ) 0.95 for most substances
- Auto power off function
- Valox housing to withstand accidental drops
- Attached carrying case

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).

Low battery indication: The "  " is displayed when the battery voltage drops below the operating level.

Operating environment: 32°F to 122°F (0°C to 50°C), <70% R.H..

Storage environment: -4°F to 140°F (-20°C to 60°C), 0 to 80% R.H. with battery removed from meter.

Accuracy: Stated accuracy at 73.4°F \pm 9°F (23°C \pm 5°C), <75% R.H..

Dimensions: 170mm(H) x 44mm(W) x 40mm(D).

Weight: Approx. 160g including battery (1.5Vx4pcs AAA size).

Temperature:

Sensor: Thermopile (6-14 μ m)

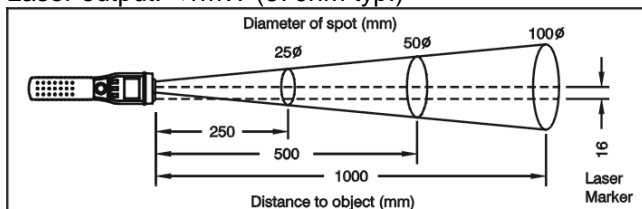
Range: 0°F to 500°F, -20°C to 260°C

Resolution: 1°F, 1°C

Accuracy: \pm 3.0% of reading or \pm 6°F/3°C (whichever is greater)

Analog output: 1mV/°F (°C)

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



Spot size increases with distance from the probe tip as shown



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