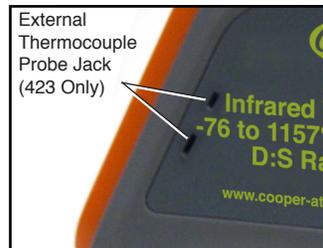


Gun-Style Infrared with Laser Sighting 422 & 423

Using an Infrared thermometer is the safest way to measure surface temperatures of hot, hard to reach, electrically energized or moving objects. To verify HVAC distribution, check for overheated wires, radiant heat in floors, motors, insulation, pipes, breakers, and corroded connections. These are excellent tools for reading ceiling duct temperatures from the floor without a ladder!



Specifications

422-0-8

- Temperature Range: -76° to 932°F / -60° to 500°C
- Distance to Spot Ratio (D:S): 12:1
- Emissivity: 0.95 fixed
- Single Point Sight

423-0-8

- Temperature Range: -76° to 1157°F / -60° to 625°C
- Distance to Spot Ratio (D:S): 16:1
- Adjustable Emissivity: 0.10 to 1.00
- Dual Laser Sight

- Accuracy: $\pm 2\%$ or $\pm 4\text{F}^\circ$ / $\pm 2\text{C}^\circ$ whichever is greater
- Resolution: 0.1°
- Ambient Operating Range: 32° to 122°F / 0° to 50°C
- Amber Back-Light LCD Display
- Auto-Off
- Storage Temp: -4° to 149°F (-20 to 65°C) w/o batteries
- External Thermocouple Probe Jack (423 Only)
- 2 AAA, 1.5V Alkaline Batteries Included
- Battery Life: 18 Hours Continuous Use
- 1 Year Warranty



Packaging

- Individual Package Weight: 13 oz (369 grams)
- Package Dimensions: 5.25" x 2.75" x 10" (133 x 70 x 254 mm)
- Package Cube: .08



Measuring Success Since 1885

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Gun-Style Infrared with Laser Sighting 424 & 425

Large style infrared thermometers include extra features such as a built-in LED flashlight (used in environments with minimal lighting such as boiler rooms) and Hi / Lo Alarms for quick temperature indication in and out of a set range. The magnetic stand allows the instrument to be quickly mounted to metal surfaces, allowing work to be done quickly when using multiple instruments.



Specifications

424-0-8

- Temperature Range: -76° to 1600°F / -60° to 900°C
- Distance to Spot Ratio (D:S): 35:1

425-0-8

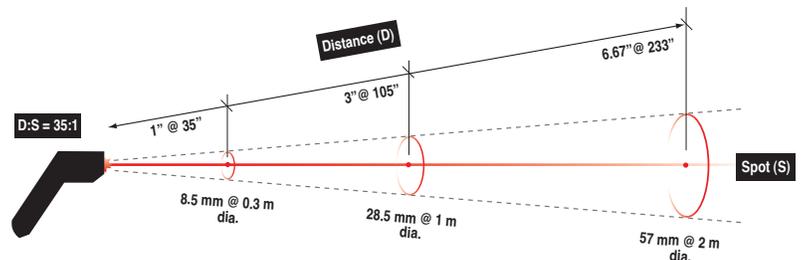
- Temperature Range: -76° to 1832°F / -60° to 1000°C
- Distance to Spot Ratio (D:S): 50:1

- Enhanced optics allows you to measure smaller objects further away.
- Accuracy: $\pm 2\%$ or $\pm 4^\circ\text{F}$ / $\pm 2^\circ\text{C}$ whichever is greater
- Resolution: 0.1°
- Ambient Operating Range: 32° to 122°F (0° to 50°C)
- Dual Laser Sight
- Built-in High Intensity LED Flashlight
- Max, Min, Diff and Lock Modes
- Amber Back-Light LCD Display
- Auto-Off
- Adjustable Emissivity: 0.10 to 1.00
- Storage Temp: -4° to 149°F (-20 to 65°C) w/o batteries
- LCD Displays Error Messages
- Programmable Hi & Lo Alarms
- ABS Carrying Case
- 2 AAA, 1.5V Alkaline Batteries Included
- Battery Life: 18 Hours Continuous Use
- 1 Year Warranty



Packaging

- Individual Package Weight: 2 lb 5 oz (1 kg)
- Package Dimensions: 13" x 8" x 2.5" (330 x 203 x 64 mm)
- Package Cube: .15



D:S (Distance to Spot Ratio)

The further away from the object, the larger the surface area measured. Optical resolution is expressed as a ratio of the distance to the resolution spot divided by the diameter of the spot.



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