

MINITEMP®

Portable Infrared Thermometer

Noncontact Temperature Measurement



The MiniTemp™ IR thermometer—a new way to solve common problems.

Infrared (IR) thermometers have become the preferred tool for diagnostics and inspection. Raytek IR thermometers are valued by professionals in a variety of industries—from industrial maintenance to food service, because they quickly, accurately and safely measure surface temperature! Anywhere that temperature is a factor in process, product quality or diagnostics, a Raytek IR thermometer should be close at hand.

IR thermometers are easy to use, and since they don't contact the object being measured, they are the safest way to measure hot, hard-to-reach, or moving parts, while eliminating potential damage and contamination.

The Raytek MiniTemp MT2 and the MiniTemp MT4 are entry-level IR thermometers that incorporate many of the same features found in professional IR thermometers. The MiniTemp is perfect for auto enthusiasts performing self diagnostics and for those tackling home improvement projects. Use it for spotting costly energy losses around windows and doors, monitoring critical temperatures in kitchen or workshop, or ensuring that your environment is comfortable and safe.

Just pull the trigger! The MiniTemp shows the temperature in an instant on its large, backlit display. The simple to use MiniTemp becomes even easier to operate when aiming with the Laser Point™ (MT4). The Raytek MiniTemp: Smart, Simple, Safe—Convenient!

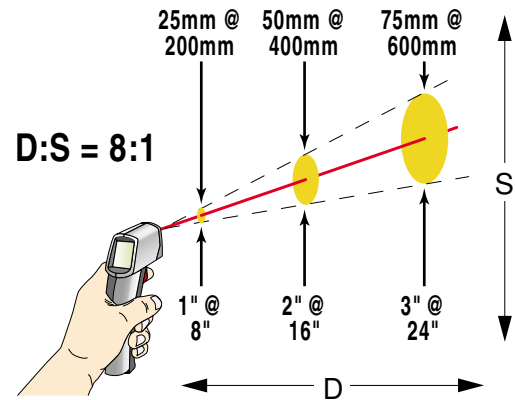
- Simple to use
- Instant readings
- Laser Point™ (MT4)
- Large, easy to read display
- Temperature Range -18° to 275°C (0° to 525°F)
- °C or °F selectable
- 1-year warranty

MINITEMP Specifications

Temperature range	-18 to 275°C (0 to 525°F)
Accuracy	-1°C (30°F) to 275°C (525°F) ±2% or ±2°C (±3.5°F) whichever is greater -18°C (0°F) to -1°C (30°F) ±3°C (±5°F)
Repeatability	±2% of reading, or ±2°C (±3°F), whichever is greater
Response time	500 mSec, 95% response
Spectral response	7–18 μm
Emissivity*	pre-set 0.95
Ambient operating range	0 to 50°C (32 to 120°F)
Relative humidity	10–95% RH noncondensing, @ up to 30°C (86°F)
Storage temperature	-20° to 65°C (-4° to 150°F) without battery
Weight / Dimensions	227 g (0.5 lb); 152 x 101 x 38 mm (6 x 4 x 1.5 in)
Power	9V Alkaline or NiCd battery (included)
Battery life (Alkaline)	22 hrs (MT2) 12 hrs (MT4)
Laser Class II	No (MT2) Yes (MT4)
Distance to Spot Size	8:1
Typical Distance to Target (Spot)	Up to 1.5m or 4 ft
Display Hold (7 seconds)	✓
LCD Backlit	✓
Temperature Display	°C or °F selectable
Display Resolution	0.2°C (0.5°F)
Additional Options/Accessories	Nylon Holster

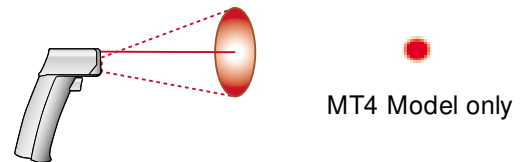
*For more information on emissivity for unique applications visit www.raytek.com/emissivity.htm

Optical Resolution



The MiniTemp is intended for close range targets, measuring a minimum target area of 1 inch in diameter out to a distance of approximately 8 inches, and has a 6 inch target measurement area at 4 feet.

Laser Sighting



Laser Point™ Single-point laser indicates the approximate center of the target spot.

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for up-to-the-minute features

Raytek®