# 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 where temperature is an indicator. 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 do not 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 MiniTemp MT4 thermometers incorporate many of the same features found in professional IR thermometers. The MiniTemp thermometer 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 the environment is comfortable and safe.

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

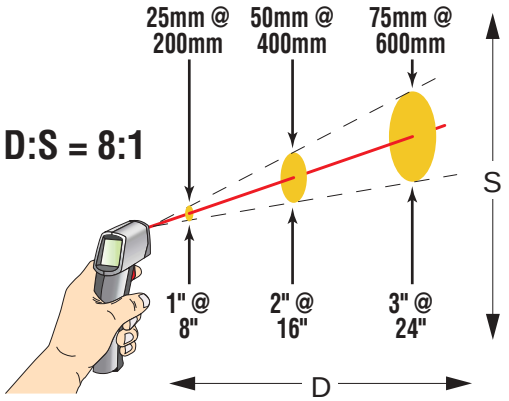
- Simple to use
- Instant readings
- Laser Point (MT4)
- Large, easy to read display
- Temperature Range (MT4) -18º to 400ºC (0º to 750ºF)
- ºC or ºF selectable

Raytek®

| Specifications | MT2 | MT4 |
|---|---|---|
| Temperature range | -18 to 275°C (0 to 525°F) | -18 to 400°C (0 to 750°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 | 12 hrs |
| Laser Class II | — | ✓ |
| 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 | ºC or ºF selectable | |
| Display Resolution | 0.2ºC (0.5ºF) | |
| Options/Accessories | Nylon Holster | |
| Warranty | 1 Year** | |

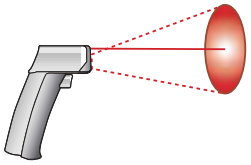
**For more information on emissivity for unique applications visit www.raytek.com/emissivity.htm*
***US only. Warranty duration may vary by country.*

## Optical Resolution




The MiniTemp thermometer 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



MT4 Model only

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

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*for up-to-the-minute features*

Raytek is an ISO 9001 certified company

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