

AUTO PRO™

Portable Infrared Thermometer for Automotive Diagnostics



Noncontact Temperature Measurement



AutoPro— For The Automotive Technician.

Temperature variances can indicate common mechanical and electrical problems. Diagnose them faster, safer and easier with AutoPro™, the non-contact infrared thermometer specially designed for the automotive professional.

AutoPro features SmartSight™ - two lasers merge into a single laser point to indicate a half inch (13mm) target, an ideal spot-size for small area measurements often required for auto diagnostics. AutoPro can read temperatures up to 999°F (535°C), and can accurately measure in low light conditions, illuminating the work area with a built-in LED flashlight. AutoPro also features an illustrated, step-by-step user manual with detailed instructions for many common automotive diagnostic procedures, including engine misfires, exhaust and emissions, cooling systems and heating and air conditioning systems.

Get the thermometer designed especially for automotive technicians – Raytek AutoPro.

SMARTSIGHT™
Laser Sighting

1 Point
Pull the trigger. Work area is illuminated, two laser points are visible.

2 Focus
Two laser points converge to a single spot, a 13mm (0.50") target is ready to measure.

3 Measure
Instant reading is shown on the backlit panel

Raytek®

Specifications	
Temperature Range	-32 to 535°C (-25 to 999°F)
Accuracy for target temperatures (assumes ambient temperature of 23°C (73°F))	-32 to -26°C (-25 to -15°F): ±3°C (±5°F) -26 to -18°C (-15 to 0°F): ±2.5°C (±4°F) -18 to 23°C (0 to 73°F): ±2°C (±3°F) 23° to 510°C (73° to 950°F): ±1% of reading or ±1°C (±2°F), whichever is greater Above 510°C (950°F): ±1.5% of reading
Repeatability	±0.5% or ±1°C (±2°F), whichever is greater
Response Time	≤ 0.5 second (95% of reading)
Spectral Response	8-14µm
Emissivity	Pre-set at 0.95
Ambient Operating Temp.	0 to 50°C (32 to 120°F)
Relative Humidity	10-90%
Storage Temperature	-20 to 60°C (-13 to 158°F) without battery
Weight/Dimensions	360g (12oz) 205 x 160 x 55mm (8x6x2 in)
Power	9V Alkaline or NiCd Battery
Battery Life (Alkaline)	4 hrs w/laser, flashlight & backlight on 20 hrs w/laser, flashlight & backlight off
Laser (Class II)	SmartSight™ dual laser sighting system
Typical Distance to Target	200 mm-600 mm (8 inches to 2 feet)
Distance to Spot (D:S)	Optimized for use at 8 inches Approximately 16:1 at focus point
MAX Temp. Display	✓
Display Hold (7 seconds)	✓
LCD Backlit	✓
Temperature Display	°C or °F selectable
Display Resolution	0.2°C (0.5°F)
Hard Case	✓
Tripod Mounting	✓
Removable base magnet	✓
Work area illumination	Bright white LED (7100 millicandle)
Illustrated Manual	✓
Warranty	1 year
Additional Options/Accessories	Nylon Holster NIST Traceable Calibration Certificate (includes 1 year warranty)

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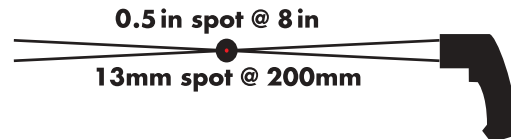
Worldwide Service

Raytek offers services including emergency repairs and calibration. For more information, contact your local office or e-mail: support@raytek.com



Sighting

SMARTSIGHT™
Laser Sighting



Two lasers converge to a single bright dot, for a measurement area of 13 mm (0.5 in.)



www.raytek.com

for up-to-the-minute features

Raytek®