

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 noncontact infrared thermometer specially designed for the automotive professional.

AutoPro features SmartSight™ - two lasers merge into a single laser point to indicate a 13 mm target, an ideal spot-size for small area measurements often required for auto diagnostics. AutoPro can read temperatures up to 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.

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 13 mm target is ready to measure.

3 Measure

Instant reading is shown on the backlit panel.

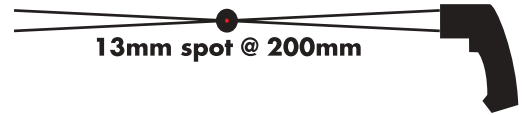
SMARTSIGHT™
Laser Sighting

Specifications	
Temperature Range	-32 to 535°C
Accuracy for target temperatures (assumes ambient temperature of 23°C ± 5°C)	For targets at 23° to 510°C: ±1% of reading or ±1°C, whichever is greater For targets above 510°C: ±1.5% of reading For targets at -32 to -26°C: ±3°C For targets at -26 to -18°C: ±2.5°C For targets at -18 to 23°C: ±2°C
Repeatability	±0.5% or ≤ ±1°C, whichever is greater
Response Time	≤ 0.5 second (95% of reading)
Spectral Response	8-14 μm
Emissivity	Pre-set at 0.95
Ambient Operating Temp.	0 to 50°C
Relative Humidity	10 - 90%
Storage Temperature	-20 to 60°C without battery
Weight/Dimensions	360 g / 205 x 160 x 55 mm
Power	9 V 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
Distance to Spot (D:S)	Optimized for use at 200 mm 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
Hard Case	✓
Tripod Mounting	✓
Removable base magnet	✓
Work area illumination	Bright white LED (7100 millicandle)
Illustrated Manual	✓
Additional Options/ Accessories	Nylon Holster DKD/NIST Traceable Calibration Certificate



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 AutoPro and SmartSight are trademarks of Raytek
 Corporation.
 Raytek is ISO 9001 certified.

Laser Sighting



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



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