

# AUTO PRO™

## Portable Infrared Thermometer for Automotive Diagnostics



### Noncontact Temperature Measurement



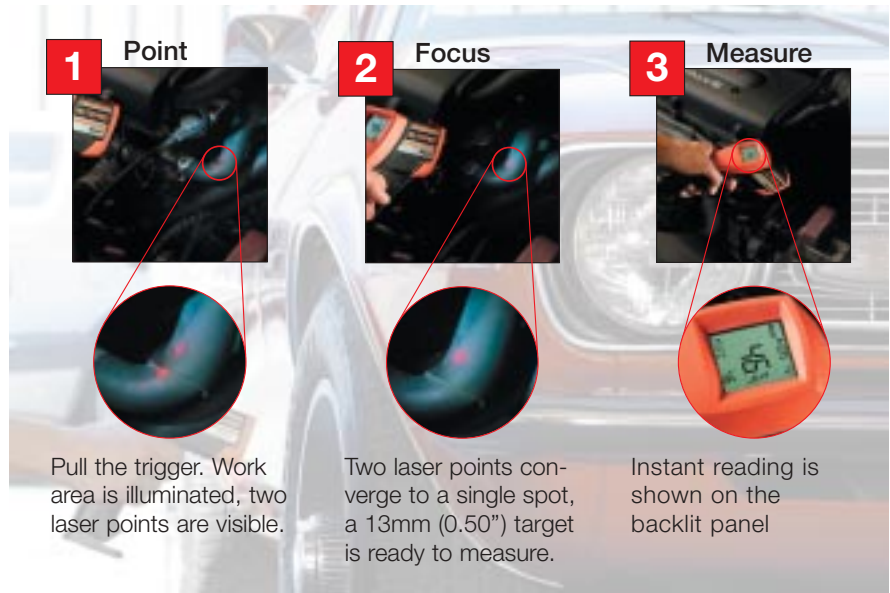
### AutoPro— For The Automotive Technician.

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



**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): $\pm 3^{\circ}\text{C}$ ( $\pm 5^{\circ}\text{F}$ ) -26 to -18°C (-15 to 0°F): $\pm 2.5^{\circ}\text{C}$ ( $\pm 4^{\circ}\text{F}$ ) -18 to 23°C (0 to 73°F): $\pm 2^{\circ}\text{C}$ ( $\pm 3^{\circ}\text{F}$ ) 23° to 510°C (73° to 950°F): $\pm 1\%$ of reading or $\pm 1^{\circ}\text{C}$ ( $\pm 2^{\circ}\text{F}$ ), whichever is greater Above 510°C (950°F): $\pm 1.5\%$ of reading
Repeatability	$\pm 0.5\%$ or $\pm 1^{\circ}\text{C}$ ( $\pm 2^{\circ}\text{F}$ ), whichever is greater
Response Time	$\leq 0.5$ second (95% of reading)
Spectral Response	8-14 $\mu\text{m}$
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)

## Sighting

**SMARTSIGHT™** Laser Sighting

**0.5 in spot @ 8 in**  
**13mm spot @ 200mm**

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

