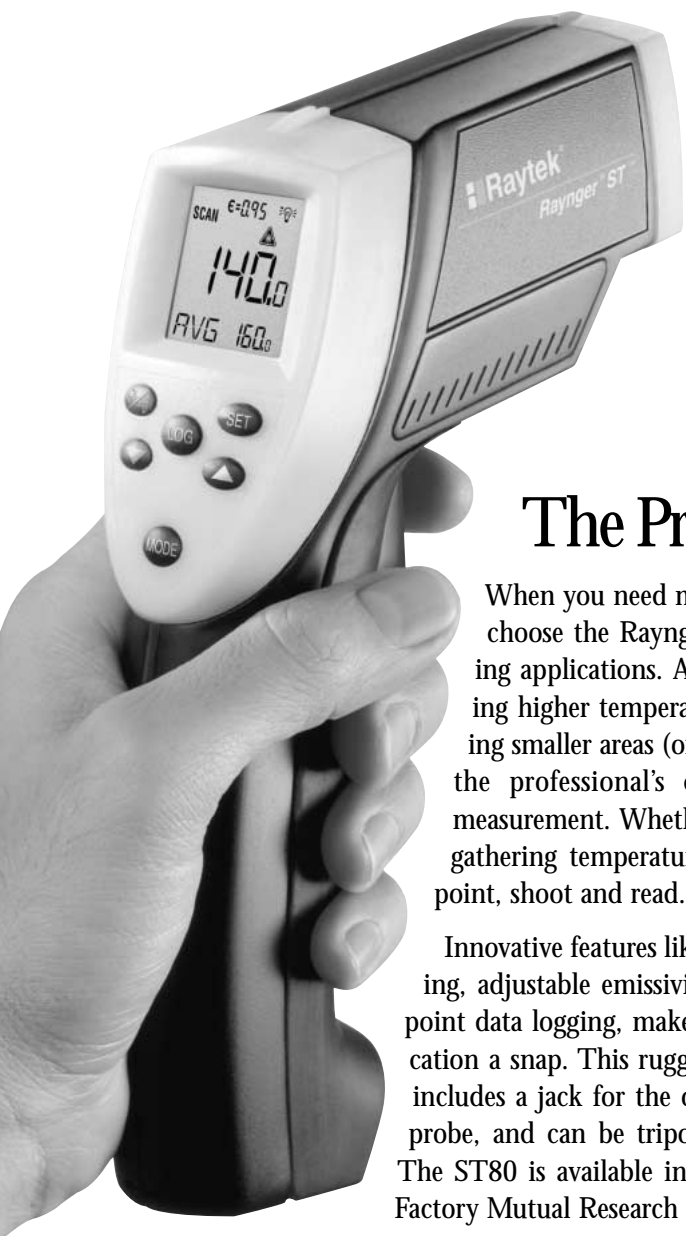


Raynger[®]ST[™]

60/80 ProPlus



The Professional's Choice

When you need more features and higher specifications, choose the RayngerST ProPlus for your most demanding applications. Advanced infrared technology for reading higher temperatures and powerful optics for measuring smaller areas (or from farther back), make the ProPlus the professional's choice for noncontact temperature measurement. Whether you choose the ST60 or the ST80, gathering temperature data has never been easier. Simply point, shoot and read.

Innovative features like offset eight point circular laser sighting, adjustable emissivity, a wide temperature range, and 12 point data logging, make any temperature measurement application a snap. This rugged unit with rubber overmolding also includes a jack for the optional Raytek ST RTD temperature probe, and can be tripod mounted for hands-free operation. The ST80 is available in a model rated "Intrinsically Safe" by Factory Mutual Research for use in hazardous locations.

Choose the infrared noncontact thermometer that millions of professionals use worldwide. Call today and discover the Raytek advantage—fast, easy and safe temperature measurement backed by over 35 years of experience and top-quality customer service.

Raytek[®] Infrared Noncontact Thermometers are the professional's choice for:

- Automotive and Diesel
- HVAC/R Systems
- Electrical and Industrial
- Facility Maintenance
- Food Safety
- Asphalt Work
- Fire Safety
- Marine Maintenance
- Hazardous Locations (ST80-IS)

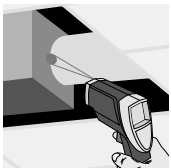
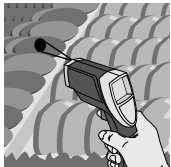
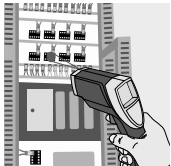


CIRCULAR LASER SIGHTING LETS YOU HIGHLIGHT YOUR TARGET FOR A FAST, SAFE READOUT.

Raytek[®]

Specifications and Features

RayngerST



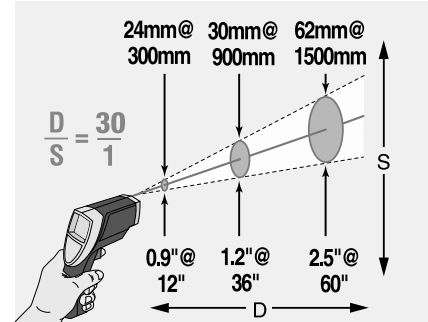
Specifications

Temperature Range	
ST60 ProPlus	-32 to 600°C (-25 to 1100°F)
ST80 ProPlus	-32 to 760°C (-25 to 1400°F)
Accuracy @ 23°C (73°F) ambient operating temperature	1% or ±1°C (±2°F), whichever is greater above 23°C (73°F) ±2°C (±3°F) @ -18 to 23°C (0 to 73°F) ±2.5°C (±4°F) @ -26 to -18°C (-15 to 0°F) ±3°C (±5°F) @ -32 to -26°C (-25 to -15°F)
Repeatability	≤ ±0.5% or ≤ ±1°C (±2°F) whichever is greater
Response Time	≤ 0.5 second (95% of reading)
Ambient Operating Range	0 to 50°C (32 to 120°F)
Power	9V Alkaline or NiCd Battery
Weight	320g (11oz)

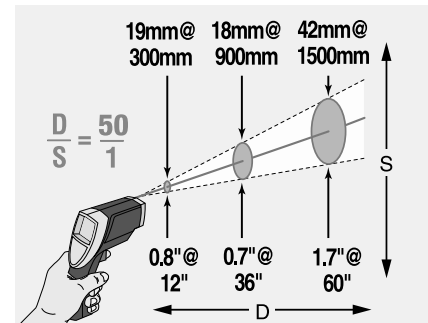
Features	ST60 ProPlus	ST80 ProPlus
Distance to Spot (D:S)	30:1	50:1
Adjustable Emissivity (from 0.1 to 1.0 by 0.01)	✓	✓
Laser Sighting	offset 8 point circular	offset 8 point circular
Probe Jack	✓	✓
MAX, MIN, DIF and AVG Temperature Display	✓	✓
Recall Last Reading	✓	✓
Data Logging	12 points	12 points
Display Hold (7 seconds)	✓	✓
HI/LO Alarm	✓	✓
LCD Backlight	✓	✓
Display Resolution	0.1°C/F	0.1°C/F
Hard Carrying Case	✓	✓

Options/Accessories

- RTD Temperature Probe
- Nylon Holster
- NIST Traceable Calibration Certificate
- Factory Mutual Research Intrinsically Safe Rated ST80-IS, including probe (Intrinsically Safe, Class 1 Division 1 Groups A,B,C,D Class I, Zone 0, AEx ia IIC, T4 at 50°C when used with 9V alkaline battery)



ST60 ProPlus Target Spot Sizes
D:S = 30:1 at Focus Point



ST80 ProPlus Target Spot Sizes
D:S = 50:1 at Focus Point

**Intrinsically Safe
Model Now Available**

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