



Southwire®

31040S

1500 DEGREE FAHRENHEIT 20:1 INFRARED THERMOMETER

The 31040S features 20:1 distance-to-spot ratio and wide temperature ranges; this device truly stands out because of its fast response, high/low alarms and dual laser pointer. It is used by maintenance professionals to quickly locate worn machinery, hot spots in electrical panels and defective HVAC equipment.

BETTER ACCURACY

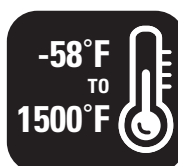
Dual lasers pinpoint target area

20:1 DISTANCE TO SPOT RATIO

Allows measurements at a greater distance

RUGGED DESIGN

Impact resistant. Double-molded housing also provides comfortable grip



COLOR ALERT

Color alert indicates if temperature is above or below adjustable set points



Southwire™

TOOLS & EQUIPMENT

[BUILT FOR DURABILITY.
BUILT FOR RELIABILITY.
BUILT FOR WORK.]

1-855-SWTTOOLS
(855-798-6657)



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31040S

1500 DEGREE FAHRENHEIT 20:1 INFRARED THERMOMETER

Features

- Dual lasers pinpoint target area
- 20:1 distance to spot size allows measuring object at greater distance
- User settable High and Low temperature alarm – Display will flash red and beeper will sound if set point is exceeded
- Rugged double molded housing provides comfortable gripe
- Max hold and 150mS response time for capturing hot spots when doing temperature scans
- Adjustable emissivity for use on reflective surfaces
- Lock-on feature for continuous measurements

Specifications

RANGE	-58° to 1500°F (-50° to 815°C)	
RESOLUTION	0.1°F/°C <1000° 1°F/°C ≥1000°	
ACCURACY (% OF READING)	-58° to 68°F	±4.5°F
	-50 to 20°C	±2.5°C
	68° to 572°F	±1.0% ±1.8°F
	20° to 300°C	±1.0% ±1.0°C
	572° to 1500°F	±1.5%
	300° to 815°C	±1.5%
RESPONSE TIME	150mS	
SPECTRAL RESPONSE	8 to 14μM	
EMISSIONITY	Adjustable from 0.10 to 1.0	
DISTANCE TO SPOT RATIO	20:1 (at 20" measures 1" spot)	

GENERAL SPECIFICATIONS	
Laser	Class 2 laser, under 1mW
Operating Temperature	32° to 122°F (0° to 50°C)
Storage Temperature	14° to 140°F (-10° to 60°C)
Battery	One 9V
Dimensions	5.8 x 4.1 x 1.7 in. (147 x 104 x 43mm)
Weight	0.58 lb (263g)

Includes

- 31040S IR Thermometer
- 9 volt battery



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