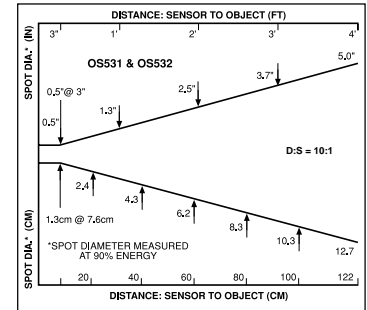
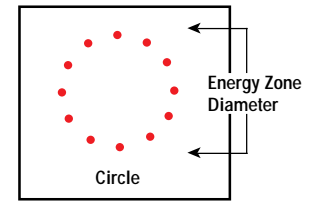


OS530/C Handheld Infrared

- Built-In Laser Sighting with 12-Point Circle
- Models Available with Temperature Ranges to 1600°F (540°C)
- Emissivity Adjustable from 0.1 to 1.00 in 0.01 Steps
- Thermocouple Input Available
- Backlit LCD Display
- Dual Digital Display Indicates Current with Min, Max, Average or Difference Temperatures
- °F/°C Selectable
- 1 mV/Degree Analog Output Standard
- Audible and Visible Alarms

In Stock:

Model	PCN
OS531/C	327839
OS532/C	327847
OS534/C	327855



Specifications

Repeatability: $\pm(1\% \text{ rdg} + 1 \text{ digit})$
 Resolution: 1°F or 1°C
 Response Time: 250 msec
 Spectral Response: 8 to 14 μm
 Emissivity: 0.10 to 1.00 in 0.01 increments
 Thermocouple Input:
 Type K, 0 to 1600°F (-18 to 871°C)
 Operating Ambient:
 32 to 122°F (0 to 50°C)
 Power: 4 'AA' batteries or ac adapter
 Battery Life:
 60 hr, alkaline; 10 days, lithium
 Analog Output:
 1 mV/°F or 1 mV/°C

Tripod Mount: 1/4"-20 UNC
 Display: Backlit LCD; displays current and min or max, differential, average temperatures simultaneously
 Alarm: High alarm standard, with audible and visual indication
 Laser Sight Specifications
 Wavelength (color): 670 nm (red)
 Operating Distance:
 Laser Dot: 2 - 75 Ft.
 Laser Circle: 2 - 25 Ft.
 FDA Classification: Class IIIA
 Safety Classification: Class 3A
 Beam Diameter: 5 mm
 Operating Temperature: 0 to 50°C

Specifications and Ordering Information

Model	OS531/C	OS532/C	OS534/C
Accuracy ¹	$\pm 2\% \text{ rdg}$	$\pm 1\% \text{ rdg}$	$\pm 1\% \text{ rdg}$
Range	-18 to 400°C 0 to 750°F	-18 to 540°C 0 to 1000°F	-18 to 871°C 0 to 1600°F
Emissivity	adjustable	adjustable	adjustable
Backlit Dual Display	std	std	std
Distance to Spot Size Ratio	10:1	10:1	30:1
Differential Temperature	std	std	std
Min/Max Temperature	std	std	std
Average Temperature	std	std	std
High Alarm	std	std	std
Audible Buzzer & Indicator	std	std	std
Analog Output	1 mV/deg	1 mV/deg	1 mV/deg
Thermocouple Input	—	std	std
Laser Sight (Built-In)	std	std	std
Trigger Lock	std	std	std
Last Temperature Recall	std	std	std

1. or 3°F, whichever is greater.

