



# High-Performance Handheld Infrared Thermometer With Patented Laser Circle Sighting

OSXL680 Series Starts at

**\$345**



- ✓ Temperature Range: -50 to 1000°C (-58 to 1832°F)
- ✓ Adjustable Emissivity from 0.1 to 1
- ✓ Models with 30:1 or 50:1 Field of View
- ✓ Max/Min/Avg/Diff Temperature Monitoring
- ✓ Built-In Patented Laser Circle Sighting
- ✓ Backlit LCD, °C or °F Switchable
- ✓ Electronic Trigger Lock
- ✓ Temperature Data Storage, 10 Points
- ✓ Audible High/Low Alarm
- ✓ Type K Thermocouple Input Available
- ✓ OSXL689 Comes with 6" Long Surface Probe, USB Cable, and Software

The high-performance, handheld OSXL685 and OSXL689 infrared thermometers are non-contact temperature measurement instruments. They come with features such as adjustable emissivity, patented laser circle sighting, backlit LCD display, 30:1 or 50:1 field of view, max/min/avg/diff temperature monitoring, high/low audible alarms, temperature data storage, and electronic trigger lock.

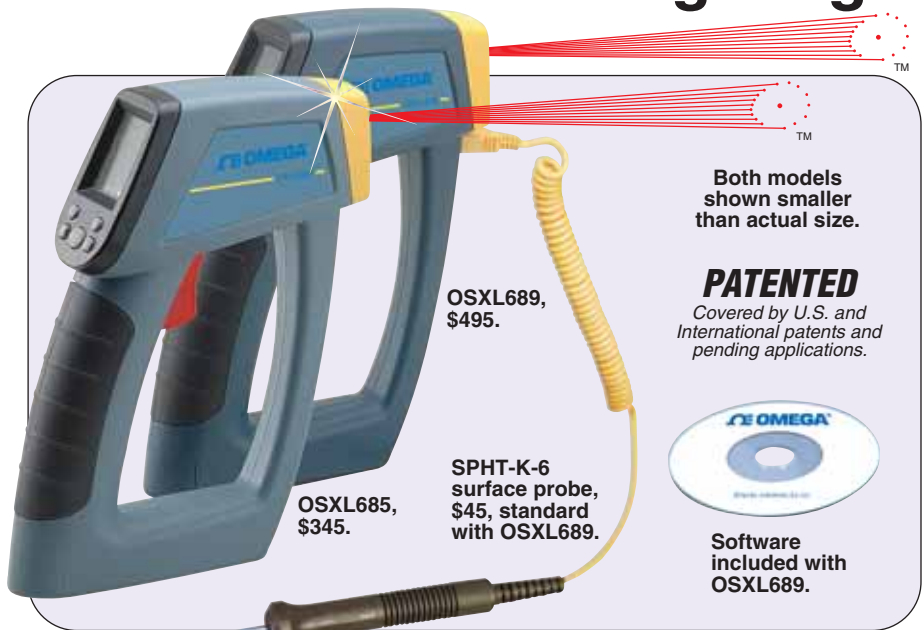
### APPLICATIONS

- ✓ Electrical Troubleshooting
- ✓ Automotive Repair and Maintenance
- ✓ Air Conditioning
- ✓ Semiconductor Manufacturing
- ✓ HVAC Energy Audits
- ✓ Factory Automation

### Thermocouple Included!



Model OSXL689 includes a free 1 m (40") Type K insulated beaded wire thermocouple with subminiature connector and wire spool caddy. **Order a Spare! Model No. SC-GG-K-30-36, \$15**



Both models shown smaller than actual size.

**PATENTED**  
Covered by U.S. and International patents and pending applications.



Software included with OSXL689.

OSXL689, \$495.

SPHT-K-6 surface probe, \$45, standard with OSXL689.

OSXL685, \$345.

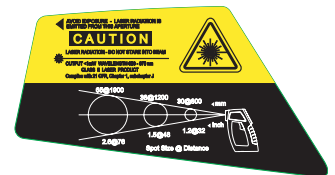
### Specifications

Range: -50 to 1000°C (-58 to 1832°F)  
 Accuracy\*: 2% rdg (100 to 1000 °C)  
 Repeatability: 1°C (2°F)  
 Resolution: 0.1°C/°F  
 Field of View:  
 OSXL685: 30:1  
 OSXL689: 50:1  
 Response Time: 500 ms  
 Emissivity: 0.1 to 1  
 Spectral Response: 8 to 14 microns  
 Max/Min/Avg/Diff Temp: Standard  
 High/Low Alarm: Standard  
 Temp Data Storage: Standard  
 °C/°F Switchable: Standard  
 Backlit LCD: Standard  
 Power: 9 V (included)  
 Thermocouple Input (K):  
 OSXL685: N/A  
 OSXL689: Standard

### USB Data Output:

OSXL685: N/A  
 OSXL689: Standard  
 Tripod Mount: Standard  
 Operating Temperature: 0 to 50°C (32 to 122°F)  
 Laser Sighting: Circle  
 Laser Power: Switchable via slide switch  
 Wavelength (Color): 630 to 670 nm (red)  
 Laser Power Output: Less than 1 mW  
 Laser Classification: Class 2, EN60825-1  
 Dimensions: 200 x 127 x 47 mm  
 Weight: 356 g (12.5 oz)

**CAUTION!** – This product is not intended for medical use or use on humans



**MOST POPULAR MODEL HIGHLIGHTED!**

### To Order (Specify Model Number)

Model No.	Price	Description
OSXL685	\$345	Handheld infrared thermometer, 30:1 field of view
OSXL689	495	Handheld infrared thermometer, 50:1 field of view
SPHT-K-6	45	6" Type K surface probe (spare)
CS-3657	50	Reference Book: Automating Science and Engineering Laboratories with Visual Basic

\* Accuracy of 3°C from -50 to -20°C and 2°C from -20 to 100°C.

Comes with carrying case, 9 V alkaline battery and manual. OSXL689 also comes with Type K thermocouple, 6" long surface probe, and USB cable and software.

**Ordering Example: OSXL685**, low-cost handheld infrared thermometer with patented laser circle sighting, backlit LCD, 30:1 field of view and electronic trigger lock, **\$345**.



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