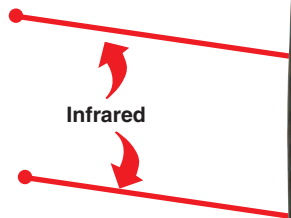




# Dual Laser Infrared Thermometer

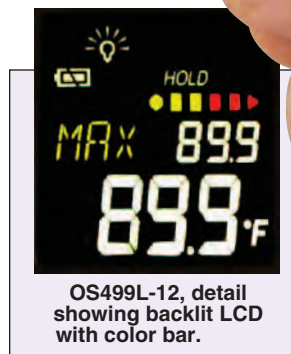
OS499 Series



- ✓ Infrared Up to 760°C (1400°F)
- ✓ Dual Lasers for Better Targeting
- ✓ High DS (Distance to Spot) Ratio up to 30:1
- ✓ Color Bar Displays Temperature in Max/Min Mode
- ✓ Built-In Flashlight
- ✓ Mini Thermocouple Socket up to 1400°C (2552°F)
- ✓ Large LCD with Power Backlight
- ✓ Ave, Dif, Max, Min, Lock Modes
- ✓ Hi/Lo Temperature Audible Alarm
- ✓ Laser/LED and Backlight On/Off Control
- ✓ Emissivity Adjustable from 0.1 to 1.00 (Preset at 0.95)
- ✓ °C/°F Selectable



OS499L-12, 12:1 IR thermometer.



OS499L-12, detail showing backlit LCD with color bar.

The OS499 Series are fully functional infrared non-contact temperature measuring devices and compatibility with Type K thermocouples. Unit has a very long battery life (typical 8 days), is obtained from 2 "AAA" batteries (included). The model with 30:1 field of view measures small and distant targets. Display backlight enables night and low light viewing. These features give the OS499 the versatility to meet most temperature measurement requirements.

## Specifications

### Measurement Range:

- OS499L-12: -60 to 550°C (-76 to 1022°F)
- OS499L-30: -60 to 760°C (-76 to 1400°F)

### Full Range Accuracy (Tamb=23 ±3°C):

- Tobj = -60 to 0°C: ±(2+0.05/°C) °C
- Tobj = -0 to 760°C: ±2% of reading or 2°C (4°F) whichever is greater

### Distance: Spot

- OS499L-12: 12:1
- OS499L-30: 30:1

**Mode:** Ave, dif, hi/low alarm, real time max/min, lock; color bar display

**Thermocouple Probe:** Small socket, K type, 12 minutes auto power off

**Measurement Range\*:** -60 to 1400°C (-83.2 to 2552°F)

**Probe Accuracy:** ±1% of reading or 1°C (1.8°F) whichever is greater (test under Tamb = 23 ±6°C)

**Dimensions:** 119 x 48 x 172 mm (4.7 x 1.87 x 6.76")

**Weight:** 255.7 g (9.02 oz)

\*Actual temperature range depends on the Type K thermocouple probe selected.



## Thermocouple Included!



OS499 models include 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**

## AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)		
Model No.		Description
OS499L-12		12:1 IR thermometer
OS499L-30		30:1 IR thermometer
SC-560		Soft holster carrying case
KHXL-14G-RSC-12		Type K utility handle probe

Comes complete with 1 Type K thermocouple, operator's manual and 2 "AAA" batteries.

**Ordering Example:** OS499L-30, infrared thermometer 30:1 field of view. OCW-3 OMEGACARE extends standard 1-year warranty to a total of 4 years.

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