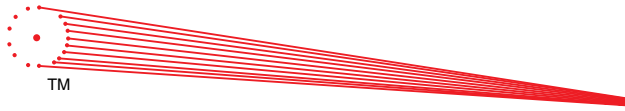


# Infrared Thermometer with Relative Humidity Measurement



TM

OS418L



- ✓ Humidity Meter Plus Infrared Thermometer
- ✓ Large LCD with Backlight
- ✓ Circle/Dot Laser with On/Off Switch
- ✓ Auto Power Off
- ✓ °C/°F Switchable
- ✓ Field of View 12:1
- ✓ Display Hold Function
- ✓ Relative Humidity Measurement

## Applications

- ✓ Clean Rooms and Greenhouses
- ✓ Electrical Troubleshooting
- ✓ Automotive Repair and Maintenance
- ✓ Air Conditioning
- ✓ Semiconductor Manufacturing
- ✓ HVAC Energy Audits
- ✓ Factory Automation
- ✓ Paint Drying



## PATENTED

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

The OS418L is a fully functional infrared non-contact temperature measuring device and hygrometer. OS418L monitors humidity 0 to 99% RH. This unit offers laser sighting and adjustable emissivity. The display is user selectable for infrared or humidity readings. Long battery life (typical 180 hrs without laser or backlight), is obtained from 2 "AAA" batteries (included). The 12:1 field of view measures small and distant targets.

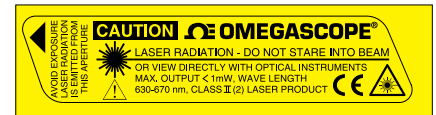
## Specifications

- Range:** -60 to 500°C (-76 to 932°F)
- Accuracy:** ±2% of reading or 2°C (4°F) whichever is greater
- Resolution:** 0.1°C/°F
- Field of View:** 12:1
- Response Time:** 1 sec
- Emissivity:** 0.1 to 1.0 adjustable, step 0.1
- °C/°F Switchable:** Standard
- Operating Temperature:** 0 to 50°C (32 to 122°F)
- Laser Sighting:** Circle/dot
- Relative Humidity:** 1 to 99%
  - Accuracy:** ±3% from 20 to 80%, otherwise ±5%
- Dew Point:** -50 to 50°C (-58 to 122°F)
  - Accuracy:** ±2.5°C from 20 to 30% RH; ±2°C from 31 to 40% RH; ±1.5°C from 41 to 95% RH



OS418L.

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



- Power:** 2 "AAA" batteries (included)
- Dimensions:** 46 D x 143 W x 184.8 mm H (1.81 x 5.63 x 7.28")
- Weight:** 240 g (8.5 oz)

## To Order

Model No.	Description
OS418L	Infrared thermometer with relative humidity measurement

## Accessory

Model No.	Description
SC-450L	Soft carrying case

Comes complete with 2 "AAA" batteries and operator's manual.

**Ordering Example:** OS418L, infrared thermometer with relative humidity measurement.