

# Professional Infrared Thermometer with 50:1 Field of View and Magnetic Mount

OS425 Series  
Starts at  
**\$259**



- ✓ **Measurement Range:**  
OS425-LS: -60 to 1000°C (-76 to 1832°F)  
OS425HT-LS: -60 to 1500°C (-76 to 2732°F)
- ✓ **Magnetic Swivel Mount**
- ✓ **50:1 Field of View**
- ✓ **Type K Thermocouple Input**
- ✓ **Adjustable Emissivity**
- ✓ **Backlit Display Built-in**
- ✓ **Laser Circle Sighting**
- ✓ **LCD Error Messages**
- ✓ **Modes: AVG, DIF, HI/LO ALARM, MAX/MIN, ALARM**
- ✓ **White LED Light**
- ✓ **°C/°F Selectable**

The OS425 series are fully functional infrared non-contact temperature measuring devices. Along with a magnetic mount, the OS423 series offers laser sighting, several mathematical modes, and adjustable emissivity. Long battery life (typical 180 hrs without laser or backlight), is obtained from 2 "AAA" batteries along with automatic shut-off. The 50:1 field of view measures small and distant targets. Display backlight enables night and low light viewing.

## Specifications

**Temperature Range:**  
OS425-LS: -60 to 1000°C (-76 to 1832°F)  
OS425HT-LS: -60 to 1500°C (-76 to 2732°F)

**Thermocouple Range:** -64 to 1400°C (-83 to 1999°F)

**Accuracy:** ±1°C (±1.8°F)  
**Target Temp:** 15 to 35°C (59 to 95°F)  
**Ambient Temp:** 25°C (77°F)

**Accuracy:** ±2% of reading or 2°C (4°F) whichever is greater  
**Target Temp:** >35 to 1000°C;

**Thermocouple Accuracy:** ±1% of reading or 1°C (1.8°F) whichever is greater (test under T<sub>amb</sub> = 23 ±6°C)

**Operating Range:** 0 to 50°C (32 to 122°F)

**Emissivity Range:** 0.95 default, adjustable 0.1 to 1 step 0.01

**Resolution (-9.9 to 199.9°):** 0.1°C (0.1°F)

OS425-LS, \$259.



SPHT-K-6, 6" Type K surface probe, \$45.

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

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

**CAUTION** OMEGASCOPE®  
LASER RADIATION - DO NOT STARE INTO BEAM  
OR VIEW DIRECTLY WITH OPTICAL INSTRUMENTS  
MAX. OUTPUT <1mW, WAVE LENGTH 630-670 nm, CLASS II (2) LASER PRODUCT



OMEGACARE<sup>SM</sup> extended warranty program is available for models shown on this page. Ask your sales representative for full details when placing an order. OMEGACARE<sup>SM</sup> covers parts, labor and equivalent loaners.

**Response Time 90%:** 1 sec  
**Distance to Spot Ratio:** 50:1  
**Power:** 2 "AAA" alkaline batteries (included)  
**Battery Life:** Typical 180 min, 140 hours continuous use (alkaline, without laser or backlight)  
**Dimensions:** 47.0 D x 197.0 W x 203.3 mm L (1.8 x 7.7 x 8.0")  
**Weight:** 386.1 g (13.62 oz) including batteries

**Free Thermocouple Included!**  
OS425 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, \$15

**AVAILABLE FOR FAST DELIVERY!**

## To Order (Specify Model Number)

Model No.	Price	Description
OS425-LS	\$259	Professional 50:1 IR thermometer with magnetic mount
OS425HT-LS	350	Extra high temperature IR thermometer
SPHT-K-6	45	6" Type K surface probe

Comes complete with magnetic swivel mount, 2 "AAA" alkaline batteries, Type K thermocouple, hard carrying case and operator's manual.

**Ordering Examples:** OS425-LS, infrared thermometer, \$259. OCW-3, OMEGACARE<sup>SM</sup> extends standard 1-year warranty to a total of 4 years (\$64), \$259 + 64 = \$323.



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Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

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