

## OS425-LS-Series

### Infrared Thermometer with 50:1 Field of View, Circle Dot Laser

The OS425LS-Series handheld infrared thermometer is a non-contact temperature measurement device. The unit comes in two versions: Standard, OS425-LS: -60 to 1000°C (-76 to 1832°F), and High Temperature, OS425HT-LS: -60 to 1500°C (-76 to 2732°F). Along with a magnetic mount, the OS425-LS offers circle dot laser sighting, several mathematical modes, and adjustable emissivity. This series is powered with two "AAA" batteries and has long battery life (typically 180 hours without laser or backlight) with automatic shut-off feature. The 50:1 field of view measures small targets over long distances. Display backlight and built-in flashlight enables night and low light viewing.



#### Features

- OS425-LS: -60 to 1000°C (-76 to 1832°F)
- OS425HT-LS: -60 to 1500°C (-76 to 2732°F)
- 50:1 Field of View
- Adjustable Emissivity 0.10 to 1.00
- Large Backlit LCD Screen with LED flashlight
- Circle Dot Laser to show target size
- Accuracy of  $\pm 2\%$  rdg or 2°C (3.5°F)
- Min, Max, and Differential Modes
- Auto power-off

#### Specifications

Temperature Range	OS425-LS: -60 to 1000°C (-76 to 1832°F), OS425HT-LS: -60 to 1500°C (-76 to 2372°F)
Accuracy	$\pm 2\%$ rdg or 2°C (3.5°F), whichever is greater
Resolution	0.1°C/0.1°F
Response Time	1 second
Emissivity	Adjustable from 0.1 to 1.0
Field of View	50:1
Operating Temperature	0 to 50°C (32 to 122°F)
Power	2 "AAA" alkaline batteries (included)
Battery Life	Typically, 180 hours of continuous use (without laser and LCD backlight)
Weight	13.62 oz (386.1 grams) including batteries

Model No.	Description
OS425-LS	Infrared Thermometer with Circle Dot Laser Sighting -60 to 1000°C (-76 to 1832°F)
OS425HT-LS	High Temperature Infrared Thermometer with Circle Dot Laser Sighting -60 to 1500°C (-76 to 2372°F)

Comes complete with 2 "AAA" batteries, type K thermocouple, carrying case and manual.