

Dual Laser Infrared Thermometer



OS758-LS

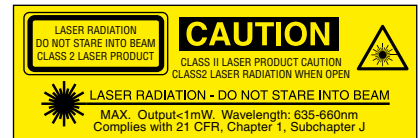


- ✓ Wide Measurement Range: Infrared up to 1600°C (2912°F)
- ✓ Dual Laser Points for the Target Spot Size
- ✓ High Distance to Spot Ratio Up to 60:1
- ✓ Hi/Low Temp Alarm
- ✓ Color Bar Displays Temperature in Max/Min Mode
- ✓ Output Interface: SPI, USB, SD Card Storage
- ✓ Rugged Design—Shatterproof at 1 m (3.3')
- ✓ Type K Thermocouple Input



OS758-LS shown smaller than actual size.

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



Applications

- ✓ Industrial Measurement
- ✓ Building Maintenance
- ✓ Laboratory/R&D

The high-performance, handheld OS758-LS dual infrared thermometer is a non-contact temperature measurement instrument. The OS758-LS offers a wide array of features including adjustable emissivity, color backlit LCD, 60:1 distance to spot, hi/low temp alarm, max/min/avg/diff temperature monitoring and data storage. This meter is also designed with a microSD card slot (SD card included).

The OS758-LS offers a rugged design that is shatterproof at 1 m (3.3') with an ergonomic rubber boot handle. A Type K thermocouple input is included for contact measurements, often used to verify emissivity.

Specifications

Measurement Range: -35 to 1600°C (-31 to 2912°F)

Accuracy (T amb = 23 ± 3°C):
 T = -35 to 0°C: ±(2°C+0.05/°C)
 T = 0 to 1600: ±2% of reading or 2°C (4°F) whichever is greater

Emissivity Range: 0.95 default adjustable 0.1 to 1 step 0.01

Resolution: 0.1°C/0.1°F at -83.2 to 999.9 (°C/°F), otherwise 1°C/1°F

Spectral Range: 8 to 14 μm

Response Time (90%): 1 sec

Distance to Spot: 60:1 (90% energy covered)

Modes: Real-time, max/min/avg/diff, lock, hi/low temp alarm

Internal Memory: Detailed 24 memories with temperature and emissivity

External Memory Type: Support 8G micro SD card

Battery Life: Typical 14 hours, minimum 10 hours continuous use (alkaline, with laser and backlight)

Dimensions:
 203 H x 176 D x 58 W mm
 (8 x 6.9 x 2.3")

Weight: 401 g (14.14 oz) including batteries (AA x 2 pcs)

To Order

Model No.	Description
OS758-LS	Infrared thermometer, 60:1, with laser, Type K, 24 memories, SD card

Comes complete with CD, USB cable, SD card, 1 Type K thermocouple, black hard carrying case, 2 "AA" batteries, and operator's manual.

Ordering Example: OS758-LS, infrared thermometer, 60:1, with laser, Type K, 24 memories, and SD card.