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

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

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Description</th>
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<tr>
<td>OS758-LS</td>
<td>Infrared thermometer, 60:1, with laser, Type K, 24 memories, SD card</td>
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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.