

# Rugged IR Thermometers

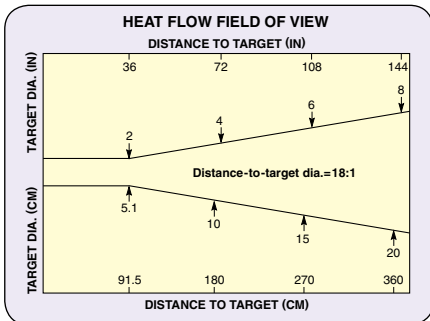
## Up to 60:1 Optics

OS-651



- ✓ °C/°F Switchable
- ✓ -29 to 1093°C (-20 to 2000°F) Range
- ✓ Rugged Design
- ✓ ±1% rdg Accuracy
- ✓ Analog Output Standard, 0.1 mV per Degree
- ✓ Optional Laser Sighting with Either 30:1 or 60:1 Optics
- ✓ 0.10 to 0.99 Adjustable Emissivity
- ✓ Peak Hold Feature

The OS-651 thermometer is rugged, compact and easy-to-use for non-contact temperature measurements in industrial and maintenance applications. Fast and accurate, Models OS-651 and OS-651-LS (with optional laser sighting) both feature adjustable emissivity from 0.10 to 0.99, making them well suited for surface measurements. Both have standard 0.1 mV per degree output which can be sent to a recorder or datalogging device. The Model OS-651-LS features a laser sight for applications that require precise sighting to ensure accurate measurements.



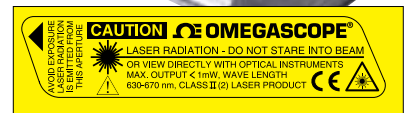
OMEGACARE<sup>SM</sup> extended warranty program is available for models shown on this page. Ask your sales representative for full details when placing an order. OMEGACARE<sup>SM</sup> covers parts, labor and equivalent loaners.

OS651-LS with laser sight.



### Specifications

- Range:** -29 to 1093°C (-20 to 2000°F)
- Accuracy:** ±1% rdg ±1 digit
- Resolution:** 1°C/°F
- Min Spot Size:** 1" diameter @ 30"
- Emissivity:** 0.10 to 0.99 in 0.01 steps
- Response Time:** 1 sec
- Spectral Response:** 8 to 14 microns
- Power:** 9V alkaline battery (included)
- Output:** 0.1 mV/degree
- Battery Life:** 200 hr
- Ambient Temp:** 4 to 43°C (40 to 110°F)
- Size:** 150 H x 230 W x 60 mm D (6 x 9 x 2.5")
- Weight:** 0.9 kg (2 lb)



### To Order

Model No.	Description
OS-651	Portable infrared pyrometer with 30:1 optics
OS-651-LS	OS-651 with laser sighting
OS-651-LS-60	OS-651-LS with 60:1 optics
OS-651-CASE	Rugged carrying case
CAL-3-IRT†	NIST-traceable calibration

Comes complete with 9V battery plus operator's manual.

To order with optional backlit display, add suffix "-BL" to model number for an additional cost.

**Ordering Example:** OS-651-LS, pyrometer with laser sight and OS-651-CASE, carrying case. OCW-3, OMEGACARE<sup>SM</sup> extends standard 2-year warranty to a total of 5 years.