

OS-PEN9-Series

Pocket Size Infrared Thermometer with Laser Sight

Omega's OS-PEN9 offers an array of features in a pocket-size thermometer. These features include: a wide temperature range of 30 to 500°C (-27 to 932°F), a 9:1 spot size, circle laser, an ergonomic casing for comfortable holding and measuring, and a backlit LCD. Battery life is 30 hours of continuous use. This pen has three useful functions in addition to real time temperature measurement: Hold, Minimum and Maximum. This is an ideal unit for food service, general maintenance use and spot-checking process measurements.



Features

- **Measurement range: -30 to 500°C (-22 to 932°F)**
- **9:1 field of view**
- **Emissivity fixed at 0.95**
- **Ergonomic casing for comfortable grip and measuring**
- **Compact “pocket” size for easy carry and storage**
- **Accuracy of $\pm 2\%$ rdg or 2°C (3.5°F)**
- **30 hours of continuous use on one battery**
- **Laser and backlight both turn on during measurement**
- **Hold, Minimum and Maximum value modes**

Specifications

Measurement Range	-33 to 500°C (-27 to 932°F)
Accuracy	$\pm 2\%$ rdg or 2°C (3.5°F)
Display Resolution	-9.0 to 99.9°C/F: 0.1°C/°F. Above 100°C or below -10°C/°F: 1°C/°F
Response Time	1 second
Spectral Response:	8 to 14 microns
Emissivity	Fixed 0.95
Field of View	9:1
Operating Temperature	0 to 50°C (32 to 122°F) <90 RH%
Power	One “AA” battery (included)
Battery Life	30 hours continuous use
Weight	74 g (2.61 oz) including battery

Ordering Example: OS-PEN9: Infrared pen with 9:1 field of view and circle laser, 1 “AA” battery and operator’s manual