

Infrared Thermometer with USB Interface



OS1327D



- ✓ Measurement Range -35 to 500°C (-31 to 932°F)
- ✓ USB Interface
- ✓ °C/°F Selectable
- ✓ Dual Thermometer and Dual Display
- ✓ Backlight LCD
- ✓ Adjustable Emissivity
- ✓ Laser Sighting
- ✓ Audible and Visible Alarm
- ✓ Max/Min Function
- ✓ Auto Data Memory (21,000 Sets)
- ✓ Manual Data Memory and Read Function (99 Sets)
- ✓ Type K Thermocouple Input



- APPLICATIONS**
- ✓ Electrical Troubleshooting
 - ✓ Automotive Repair and Maintenance
 - ✓ Air Conditioning
 - ✓ Semiconductor Manufacturing
 - ✓ HVAC Energy Audits
 - ✓ Factory Automation

The high-performance, handheld OS1327D infrared thermometer is a non-contact temperature measurement instrument. The OS1327D features adjustable emissivity, laser sighting, backlit LCD, 12:1 field of view, max/min/avg/diff temperature monitoring, high/low audible alarms, temperature and data storage.

SPECIFICATIONS

INFRARED THERMOMETER
Display: Backlight LCD
Measurement Range: -35 to 500°C (-31 to 932°F)
Resolution: 0.1°C/0.2°F
Accuracy: ±2% reading or ± 2°C
Spectral Response: 6 to 14µm
Field of View: 12:1 optics ratio with a 1" min target
Emissivity: 0.17 to 1.00
Sighting: Laser marker < 1mw
K-TYPE THERMOMETER
Measurement Range: 150 to 1350°C (-238 to 1999°F)
Resolution: 0.1 and 1°
Accuracy: ±(0.2% reading +2°C or 4°F)

GENERAL

Data Memory Capacity:
Auto: 21,000 set
Manual: 99 set (direct reading from LCD display)
Auto Power Off:
 Approximately 15 seconds
Battery Life: Approximately 100 hours (laser pointer and backlight are not in use) (Alkaline)
Power Source: One 9V cell (included) (ANSI/NEDA-1604A, IEC-6LR61)
Operating Temperature: 0 to 50°C (32 to 122°F) below 80% RH
Storage Temperature: -10 to 60°C (14 to 140°F) below 70% RH
Dimensions: 172 L x 118 W x 46 mm D (6.81 x 4.65 x 1.81")
Weight: 220 g (7.76 oz)

Free Thermocouple Included!

Model OS1327D includes a free 1 m (40") Type K insulated beaded wire thermocouple with subminiature connector and wire spool caddy. Order a Spare! Model No. SC-GG-K-30-36

To Order	
Model No.	Description
OS1327D	Handheld infrared thermometer with USB interface

Comes complete with a 9V battery, Type K thermocouple, USB cable, CD software, hard carrying case and operator's manual.

Ordering Example: OS1327D, handheld infrared thermometer with USB interface.