



Digital Infrared Video Thermometer With MicroSD Card

OS-VIR50



Optional

- ✓ Dual Laser Indicates Ideal Measuring Distance Where the 2 Laser Points Converge to a 25.4 mm (1") Target Spot
- ✓ Fast 150 Millisecond Response Time
- ✓ Color Led Bargraph For Viewing Trends
- ✓ MicroSD Card for Offloading Still Images and Video
- ✓ Type K Thermocouple Input
- ✓ Air Temperature and Relative Humidity Measurement
- ✓ Adjustable Emissivity Increases Measurement Accuracy for Different Surfaces
- ✓ Adjustable High/Low Set Points with Audible Alarm Alerts
- ✓ MAX/MIN/AVG/DIF Functions
- ✓ Trigger Lock Function for Continuous Readings
- ✓ USB Interface
- ✓ Auto Power-Off
- ✓ Double Molded Housing

The OS-VIR50 video infrared thermometer is capable of making non-contact (infrared) and contact (thermocouple) temperature measurements. The built-in camera offers still image and video capturing functionality for documenting measurement locations. The meter includes a microSD card slot for offloading still images and video. The built-in laser pointer increases target accuracy while the backlit LCD and handy push-buttons combine for convenient, ergonomic operation. This meter is shipped fully tested and calibrated.

Specifications

Laser Convergence Distance:
127 cm (50")



OS-VIR50 shown smaller than actual size.

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

CAUTION OMEGA[®]
LASER RADIATION - DO NOT STARE INTO BEAM OR VIEW DIRECTLY WITH OPTICAL INSTRUMENTS
MAX. OUTPUT < 1mW, WAVE LENGTH 675 nm CLASS II (2) LASER PRODUCT

Emissivity: 0.10 to 1.00 Adjustable
Field of View (Distance to Target): 50:1

Type K Temperature Range:
-50 to 1370°C (-58 to 2498°F)

Air Temperature Range: 0 to 50°C (32 to 122°F)

Relative Humidity: 0 to 100% RH

LCD Display: 2.2" TFT
320 x 240 pixels

Camera: 640 x 480 pixels

Internal Memory

Internal Flash: 49Mbyte

MicroSD Card: Max 8 Gbytes

Power: Lithium ion rechargeable battery (included)

Battery Life: 4 hours (continuous) approx

Dimensions: 189 x 152 x 57 mm (7.4 x 6.0 x 2.2")

Weight: 494 g (17.4 oz)

Infrared Temperature Range:
-50 to 2200°C (-58 to 3992°F)

Repeatability: ±0.5% or 1.8°F / 1°C

Basic Accuracy:
±(1% of rdg + 4°F/2°C) (31 to 212°F)

Max Resolution: 0.1°F/°C

Free Thermocouple Included!

These models include a free 1 m (40") Type K insulated beaded wire thermocouple with subminiature connector and wire spool caddy (1 per channel). **Order a Spare!**
Model No. SC-GG-K-30-36



To Order Visit omega.com/os-vir50 for Pricing and Details

Model No.	Description
OS-VIR50	Dual laser video infrared thermometer
CAL-3-IR	NIST-traceable calibration
OS-BATT-VIR50	Replacement battery

Comes complete with microSD card, Type K bead wire probe, USB cable, rechargeable 3.7V battery, carrying case and operator's manual.

Ordering Example: OS-VIR50, dual laser video IR thermometer.