Digital InfraRed Video Thermometer

2.2” Color TFT LCD and Built-in 640 x 480 Camera

With a microSD card for capturing images (JPEG) and video (3GP) for viewing on your PC

Features:
- Dual laser indicates ideal measuring distance where the two laser points converge to a 1” target spot
- Fast 150 millisecond response time
- Color LED bargraph for viewing trends
- 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 user when temperature exceeds the programmed set points
- MAX/MIN/AVG/DIF functions
- Trigger lock function for continuous readings
- USB interface
- Auto power off
- Double molded housing
- Complete with microSD card, general purpose Type K bead wire probe, USB cable, rechargeable 3.7V battery, and carrying case

Specifications:

- Laser Convergence Distance: 50” (127cm)
- IR Temperature Range: -58 to 3992°F (-50 to 2200°C)
- 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
- Emissivity: 0.10 to 1.00 Adjustable
- Field of View (Distance to Target): 50:1
- Type K Temperature Range: -58 to 2498°F (-50 to 1370°C)
- Air Temperature Range: 32 to 122°F (0 to 50°C)
- Relative Humidity: 0 to 100%RH
- LCD Display: 2.2” TFT 320 x 240 pixels
- Camera: 640 x 480 pixels
- Dimensions: 7.4x6.0x2.2” (189x152x57mm)
- Weight: 17.4oz (494g)

Ordering Information:

VIR50 ...............Dual Laser Video IR Thermometer
VIR50-NISTL* ......VIR50 with Certificate of Traceability to NIST
BATT-37V ..........Rechargeable 3.7V battery

*VIR50-NISTL - Limited NIST for Certificate of Traceability to type K and max IR Temperature of 1500°F (815°C)

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Specifications subject to change without notice.

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