



VET-THERM HANDHELD DIFFERENTIAL INFRARED THERMOMETER WITH SMALL SPOT SIZE FOCUS SPECIFICATIONS

TTL/SLR INTRA-OPTICAL LIGHT SIGHTING AND *VARIO-ZOOM* FOCUS
(PATENT NO. 4,494,881 & PATENTS PENDING)

MODEL 6310.4 VET-THERM

1891 North Oracle Road Tucson, AZ 85705 • P.O. Box 5276 Tucson, AZ 85703-0276
Toll Free: (800) 422-4342 • Phone: (520) 792-4545 • Fax: (520) 792-4546
Internet: EverestInterscience.com • E-Mail: info@EverestInterscience.com

TEMPERATURE MEASUREMENT

Scale Range:	15°C to 45°C or -60°F to 115°F
Resolution:	0.1°C or 0.1°F
Accuracy:	±0.25°C or ±0.25°F
Repeatability:	±0.1°C or ±0.2°F
Temperature:	All Functions in °C or °F
Temperature Measurement Modes:	Surface Temperature, Ambient Dry Bulb Air Temperature and the Differential Between the Two.

OPTICAL CONSIDERATIONS

Optical Configuration:	Robust, Aerospace-Quality, Double-Coated Zinc Selenide Optics per Military Specification MIL-C-13508
Spectral Pass Band:	8 < Wavelengths < 14 Microns
Sighting:	Patented TTL/SLR Intra-Optical Light Sighting: Visible Light Illuminates the EXACT Target AREA being Measured
Illumination Source:	Light Emitting Diode - SAFE - NO LASERS!
Focus:	Variable from 4° down to 5 mm Spot Size with <i>Vario-Zoom</i> (Patent Pending)
Display:	Numeric Liquid Crystal Display on Rear Panel

OPERATING CONDITIONS

Operating Environment:	0°C to 70°C or +32°F to 120°F, up to 99% Relative Humidity, Non-Condensing
Storage Temperature:	Same as Operating Environment Temperature

ELECTRICAL INTERFACE

Power Sources:	Rechargeable Nickel Cadmium Batteries 40 Hours Continuous Use on Full Battery Charge
Output Signal:	150 mV to 450 mV at 10 mV/°C
Battery Charger:	90-240 Volt, 50-60 Hz. U.L. Listed Standard

GENERAL

Response Time:	<1 Second
Emissivity Compensation:	Factory Preset at 0.98
Operating Distance:	1 cm to 3 Meters
Warranty:	One Year Limited Warranty on Parts & Labor

Everest Interscience, Inc., has a policy of continued design upgrade. Therefore, we reserve the right to change specifications without notice