



Partner for Test & Measurement
Equipment Services and Data Solutions

Thermal Imaging Cameras

Remote Visual Inspection (RVI)

FLIR Systems

FLIR TG165 Spot Infrared Camera

Pine Item #55223

DESCRIPTION:

Coronavirus / COVID-19 FEATURED ITEM!

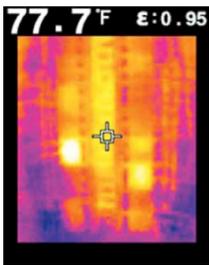
The FLIR TG165 Spot Thermal Cameras bridge the gap between single spot infrared thermometers and FLIR's legendary thermal cameras. Equipped with FLIR's exclusive Lepton® micro thermal sensor, these cameras let you see the heat so you know exactly where to target the measurement spot. Easily find unseen hot and cold spots for instant troubleshooting, and store images and data to show customers and include in reports.

FEATURES:

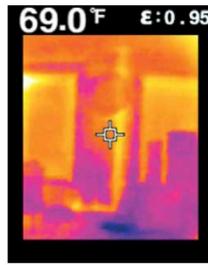
- Instantly shows what's hot and where to aim
- Eliminates blind guesswork
- 24:1 spot size ratio for safer distance measuring
- Intuitive to operate with no special training required
- Easily save images and data for documentation
- Download images fast over USB or from removable micro SD
- Built to withstand a 2-meter drop

APPLICATIONS:

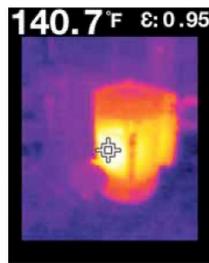
- Detecting elevated body temperature
- Electrical troubleshooting
- Warm pipe in a wall
- Mechanical overheating
- Refrigeration issues



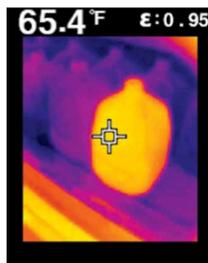
Electrical Troubleshooting



Warm Pipe in Wall



Mechanical Overheating



Refrigeration Issues



Contact a Pine branch near you to request a quote or place an order

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www.pine-environmental.com

Canada

www.pine-environmental.ca

Product Specifications

| IR TEMPERATURE MEASUREMENT | |
|------------------------------------|---|
| Basic Accuracy | +/- 1.5% or 1.5°C |
| Range | -25 to 380°C, -13 to 716°F |
| Emissivity | 4 Pre-Set Levels with Custom Adjustment, 0.1 to 0.99 |
| Dist. to Spot Ratio (D:S) | 24:1 |
| Measurement Resolution | 0.1 °C / °F |
| Response Time | 150 Milliseconds |
| Spectral Response | 8 to 14µm |
| Lasers | Dual Diverging Lasers, Frames Temp Measurement Area |
| THERMAL IMAGING | |
| Imaging Detector | FLIR Lepton™ Microbolometer Focal Plane Array (FPA) |
| Shutter | Integrated Automatic Shutter |
| Image Resolution (H x W) | 4,800 Pixels (80 x 60) |
| Spectral Response | 8 to 14µm |
| Field of View (H x W) | 50° x 38.6° |
| Upper Scene Range | 127°C, 260°F (400K) |
| Thermal Imaging Sensitivity | 150mK |
| Frame Rate | 9 Hz |
| Color Palettes | 2 (Grey Scale, Hot Iron) |
| Saved Image Format | Bitmap (BMP) Image with Temperature and Emissivity |
| GENERAL | |
| Unit Size (H x W x D) | 7.3 x 2.2 x 3.7 in (186 x 55 x 94 mm) |
| Display Type | 2.0 in TFT LCD |
| Display Resolution (W x H) | 38,720 Pixels (176 x 220) |
| Battery | Rechargeable via Micro USB Lithium-ion Battery: 3.7V, 2600mAh |
| Auto Power Off | Yes, Adjustable with Disable |
| Battery Life Hours | Typical Use: Five 8-Hr Work Days; Continuous Use: 8 Hrs |
| Certifications | CE / CB / FCC / FDA |
| Memory | 8Gb Micro SD Card |
| Operating Temperature | -10 to 45°C, 14 to 113°F |
| Drop Test | Designed for 2 Meter, 6.5 Feet |
| Tripod Mount | 1/4 in - 20 on Handle Bottom |
| Warranty | 2 Years Product, and 10 Years Thermal Imaging Detector* |
| Includes | Lanyard, USB Cable, International Charger (US, UK, EU, AU, CN) 8 Gb Micro SD Card, Technical Documentation |

*When registered within 60 days of purchase.



Local Delivery Pick-up



In-Stock Equipment



Repair & Calibration



Rental Protection Plan