

FIND-R-SCOPE High-Temp Thermal Camera / Infrared Thermometer Model 85782



Field of View :	20° Horizontal x 15° Vertical
Focus/Lens:	Manual/Germanium
Detector:	Uncooled Microbolometer Focal Plane Array 160 x 120 Pixels
Spectral Sensitivity :	8-14 microns
Temperature Measuring Range:	Without Filter: -10° to 250°C, (14° to 482°F) With Filter: 200° to 900°C, (392° to 1652°F)
Focal Range :	50 cm, (19.68") to infinity
Thermal Sensitivity with Filter:	1°C @ 23°C ambient and 50°C scene temperature
Thermal Sensitivity w/o Filter:	0.15°C @ 23°C ambient and 25 °C scene temperature
Accuracy with filter:	The greater of +/- 20°C or +/- 5% of reading in °C
Accuracy without filter:	The greater of +/- 2°C or +/- 2% of reading in °C
Radiometry :	Two movable Temperature Measurement Cursors plus delta T
Display:	8.89CM (3.5") Color LCD with LED Backlight and 5 Palettes
Power:	Rechargeable Lithium Ion Cell
Emissivity Correction:	0.2 to 1.0 in 0.01 increments with reflected ambient comp.
External Connection::	USB Port (cable & s/w included)
IP Rating:	IP42
Mil Specs:	Vibration: MIL-PRF-28800F Class 2 Section 4.5.5.3. Shock: MIL-PRF-28800F Class 2 Section 4.5.5.4.1
Image Storage:	Up to 20,000 images on supplied 2GB SD memory card

The FIND-R-SCOPE 85782 is a self-contained, hand-held, fully radiometric dual range Infrared Imager.

- Non-Cooled Detector
- Large LED Backlit Color Display
- Lightweight & Self-Contained
- Measures as Low as -10C
- Measures as High as 900C
- Simple to Operate
- Standard Tripod Mount
- Built-in Laser Pointer
- Save up to 10,000 images on SD card
- Includes Ext. P.S./Charger.
- 6-hr. runtime Battery
- Includes Hard Side Case
- Lightweight
- 18-Month Limited Warranty

Description:

The FIND-R-SCOPE® 85782 is an innovative hand-held, fully radiometric dual temperature range (-10 to 250C and 200 to 900C) Thermal Imager. It offers outstanding imaging and temperature measurement performance together with flexibility, ease of use and minimal cost. The 85782 is an IR Imager that is ideal for your lab or for the thermographer and factory maintenance engineer alike. High quality 19,200 pixel thermal images may be captured and manipulated offline, or problems can be resolved on the spot. The camera features an industry leading 3 ½" display and delivers price and performance that is unique. The system includes the IR Camera with Rubber Boot, Rechargeable Lithium-Ion Battery, AC Adaptor, USB Cable, Temperature Range Filter, Operation Manual and Proprietary Reporting Software CD, Rugged Carrying Case, Wrist Strap, 2GB SD Memory Card, USB Card Reader and more.