FLIR T-Series

FLIR T335

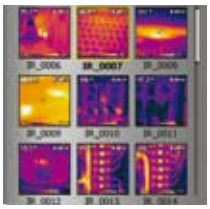
Infrared Camera with Picture-in-Picture, Touch-Screen Display, and Interchangeable Lens

- *50 mK Thermal Sensitivity*
- *Digital camera with lamp*
- *Laser pointer with automatic alignment*
- *Voice Comment Recording on Images*
- *Picture-in-Picture*
- *3.5" Touch-Screen LCD Display*


Multifunction Touch Screen

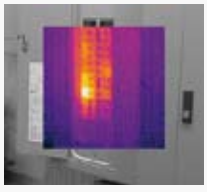

Picture-in-Picture (PiP)

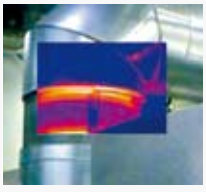

120° lens rotation


Thumbnail Image Gallery

FLIR T335 Features

- **High Resolution IR Images** — 76,800 pixels (320 x 240) Infrared resolution
- **Digital Camera** — with flash provides sharp images regardless of lighting conditions
- **Picture-in-Picture (PiP)** — Displays thermal image super-imposed over a digital image
- **Wide Temperature Range** — Measures from -20°C to +650°C targeting electrical and industrial applications
- **± 2% Accuracy** — Critical for condition monitoring of thermally sensitive targets
- **Thumbnail Image Gallery** — Allows quick search of stored images
- **Rotating Lens** — Convenient rotating lens detents up to 120° for easy viewing angle
- **Li-Ion Rechargable Battery** — Replaceable battery lasts more than 4 hours of continuous use
- **Laser Pointer** — Pinpoints the hot spot on the IR image with the real physical target
- **Voice Comment Recording** — on images and can be integrated onto report
- **Interchangeable Optics** — Optional 6°, 15°, 45°, 90° lens, 2x and 4x easily attach to the camera body for greater versatility
- **Standard SD Card** — Stores more than 1000 Radiometric JPEG images
- **Includes** — SD Memory Card, Li-Ion rechargeable battery with 100-260V AC adaptor/ charger, 2-bay battery charger, QuickReport software, USB Mini-B cable, video cable, sun shield, stylus pen & headset, camera lens cap, and transport case



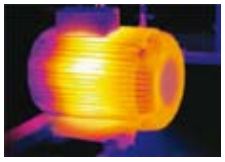


Picture-in-Picture

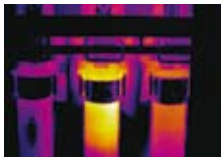
Allows for easier identification and interpretation of infrared images. This advanced technology enhances the value of an infrared image by allowing you to overlay it directly over the corresponding visible image. This functionality combines the benefits of both the infrared image and visual picture at the push of a button.

Applications


Motor: Bearing Problem




Motor: Internal Winding Problem

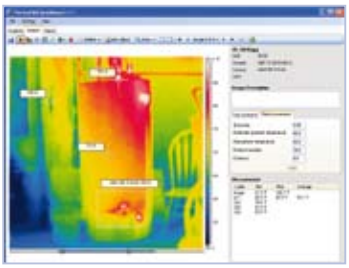



Electrical: Hot Fuses


Building: Heat Loss

FLIR T335 Specifications

Imaging and optical data	
Field of view (FOV)	25° × 19° / 0.4 m
Thermal sensitivity/NETD	50 mK
Focus	Manual/Automatic
Spectral range	7.5–13 µm
IR resolution	320 × 240 pixels
Image presentation	
Display	Built-in touch screen, 3.5" color LCD
Image modes	IR image, visual image, picture in picture, thumbnail gallery
Picture-in-Picture	Scalable IR area on visual image
Measurement	
Object temperature range	–20°C to +650°C
Accuracy	±2°C
Measurement analysis	
Spotmeter	5
Area	5 boxes with max./min./average
Isotherm	Detect high/low temperature/interval
Set-up	
Color palettes	BW, BW inv, Iron, Rain
Storage of images	
Image storage	Standard JPEG, including measurement data, on memory card
Image storage mode	IR/visual images; simultaneous storage of IR and visual images
Image annotations	
Voice	60 seconds
Text	Text from predefined list or soft keyboard on touch screen
Digital camera	
Built-in digital camera	3.1 Mpixel (2048 × 1536 pixels), and video lamp
Physical data	
Camera weight, incl. battery	0.88 kg
Camera size (L × W × H)	106 × 201 × 125 mm




QuickReport™ PC software enables user to analyze Temperature of all thermal pixels of any FLIR Camera JPEG images

Specifications and prices subject to change without notice.

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