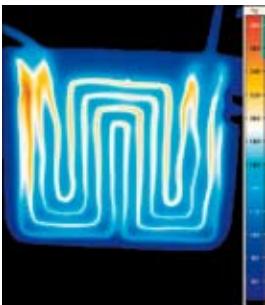
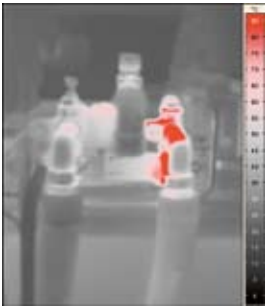
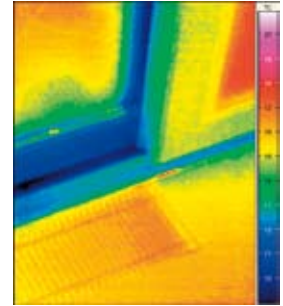
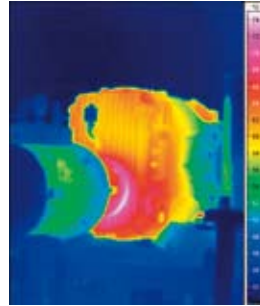
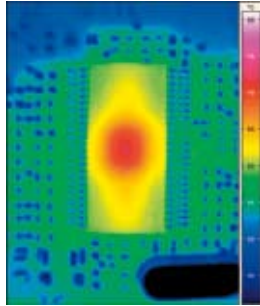
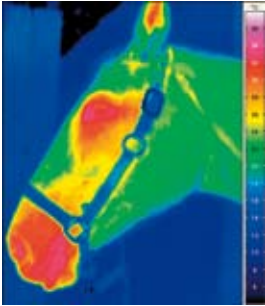


InfraTec mobileIR M3

The World's Smallest Thermographic Camera



Features

- Extremely small thermographic camera in clamshell design
- Single-handed easy operation like mobile phone
- Uncooled FPA detector with (160 x 120) pixels
- Light-intensive TFT colour display
- Voice annotation of up to 30 s per image
- Integrated memory for up to 100 thermograms
- Temperature resolution better than 120 mK
- Automatic hot-spot detection
- Visual and sound alarm
- Integrated laser pointer
- 2x digital zoom
- Li-Ion batteries; operation time > 2 h
- Transfer of thermograms via USB
- Analysis software with integrated report generator

© InfraTec 12/06 (All the stated product names and trademarks remain in property of their respective owners.)

InfraTec mobileIR M3

The World's Smallest Thermographic Camera

Technical specifications

Spectral range	(8 ... 14) μm
Detector, image format (pixel)	uncooled microbolometer FPA, (160 x 120)
Temperature measurement range	(-20 ... 250) $^{\circ}\text{C}$
Measurement accuracy	$\pm 2 \text{ K}, \pm 2 \%$
Temperature resolution at 30 $^{\circ}\text{C}$	better than 0.12 K
IR-frame rate	50/60 Hz
Image field	(25 x 19) $^{\circ}$
Image storage	internal flash memory for more than 600 images
Built-in laser pointer	laser class 2, <1 mW / 635 nm (red)
Interfaces	PAL composite, headset, USB 1.1
Power supply	quick rechargeable Li-Ion battery
Operation temperature, encapsulation	(0 ... 50) $^{\circ}\text{C}$, IP54
Dimensions	(120 x 60 x 30) mm
Weight (with battery)	265 g

Specifications subject to change without prior notice.

You would like to start applying thermography using a camera which is powerful and easy to handle and on top comes at a competitive price? The completely equipped InfraTec mobileM3 is what you are looking for! This handy camera at the size of a mobile phone is also operated single-handed like a mobile phone and can easily be carried in your pocket. After powering the camera is quickly operational and sharply displays the optimal thermogram of the measured object at the high-quality TFT display. The hottest and lowest temperature of your thermogram can automatically be indicated as well as the temperature of the point you target at. Surpassing a dangerous temperature threshold of any installation will be announced by an individually configurable visual and sound alarm. The wide measurement range of -20°C to 250°C assures correct measurements in most industrial applications. To assist targeting an in-built laserpointer you can activate. The results of your inspections can be saved by just pressing a button. Also a first analysis at the site is possible. To ease-up your analysis you can store a voice annotation to your single thermograms. After automatically transferring the thermograms via USB interface to your PC the included analysis software IRBIS provides you with convenient analysis tools and an integrated report generator.

The comprehensive scope of features and the convenient handling will make your InfraTec mobileM3 an essential tool for your daily inspection work.

