



testo 876

Committing to the future

NEW! testo 876 Thermal Imager with easy viewing display



The new testo 876 thermal imager stands out thanks to its **large articulating display**. This allows you to **keep the display in view** when using the testo 876 thermal imager in hard to reach places.

With our **intuitive interface, easy to use buttons and available interchangeable lenses**, the testo 876 is a rugged and versatile thermal imager that satisfies the needs of many different applications.

Full feature software is included that allows you to do **complete analysis and custom reports**.

The ability to see more and be more efficient makes the testo 876 thermal imager the right choice for the professional.



Fold-out, articulating display

Thanks to the fold-out, articulating display, you have a clear view in any position.

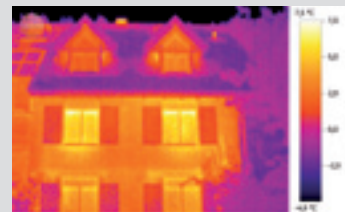


Interchangeable lenses

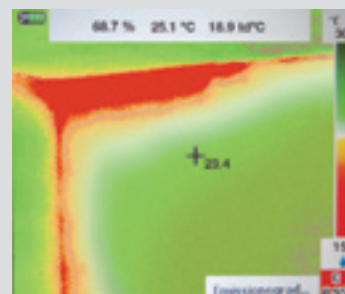
A wide-angle and a telephoto lens allow you to adapt to many different targets and many different distances encountered in the field.

Easy operation with simple icons and intuitive menus

APPLICATIONS



Examine building envelopes with the highest accuracy



Identify potential moisture areas



Pinpoint energy loss from poor insulation

Features

- 3.5" fold-out, articulating LCD display
- High quality image: NETD < 80 mk
- 160 x 120 array for clear, accurate images
- Interchangeable lenses (32°x23° or 9°x7°)
- Integrated digital camera
- Unique lens protection
- Voice annotation with the headset
- Min/Max on area calculation
- Battery life of four hours
- Manual and Dynamic Motor Focus for sharp images and true one hand operation
- 4 color palettes
- Temperature range -4°F to 536°F
- Video output via USB 2.0
- Full feature software
- Meets BPI/RESNET Infrared Imaging System Performance Standards



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Technical Data

Detector type	FPA 160 x 120 pixels, a.Si
Thermal sensitivity (NETD)	<80 mk at 30°C (86°F)
Field of view / min. focus distance	32° x 23° / 4" (standard lens) 9° x 7° / 20" (telephoto lens)
Geometric resolution (IFOV)	3.3 mrad (standard lens), 1.0 mrad (telephoto lens)
Image refresh rate	9 Hz
Focus	manual and motor focus
Spectral range	8 to 14 µm
Optical field / min. focus distance	33° x 25° / 15.7"
Image size	640 x 480 pixels
Image display	3.5" fold-out LCD with 320 x 240 pixels
Display options	only IR / only digital image / IR and digital image
Video output	USB 2.0
Color palettes	4 options (ironbow, rainbow, blue/red, greyscale)
Temperature range	-4°F to 212°F (-20°C to +100°C) 32°F to 536°F (0°C to +280°C), selectable
Accuracy	± 2°C, ± 2% of rdg, (-4°F to +536°F)
Minimum diameter measurement point	0.4" at 3 ft. (standard lens) 0.12" at 3 ft. (telephoto lens)
Setting emissivity	0.01 to 1
File format	.bmt; export options in .bmp, .jpg, .csv, .xls
Data storage device	2 GB SD card (approx. 1000 images)
Battery type	Li-ion battery
Operating time	4 hours
Operating temperature range	5°F to +104°F
Storage temperature range	-22°F to +140°F
Housing rating	IP 54
Weight	approx. 2 lbs
Dimensions	15.7" x 12.8" x 7.9"
Tripod mounting	Yes
Housing	ABS
PC Software	
System requirements	Windows XP (Service Pack 2) Windows Vista, USB 2.0 interface, Windows 7
Warranty	2 years

Accessories

Emissivity adhesive tape	0554 0051
Heatproof up to 572°F	
Two-bay battery charger	0554 8801
Spare battery	0554 8802
Tripod	0554 8804
Protective lens	0554 8805

Ordering Information

876 Thermal Imager Kit

Part no. 0560 8763

876 Deluxe Thermal Imager Kit

with telephoto lens, protective lens, two-bay battery charger, spare battery

Part no. 0560 8764

Note: All imager kits include hard shell case, SD card, USB cable, software, power supply and tripod mounting plate.

Distributor:

CleanAir Engineering, Inc.

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www.cleanair.com

Information subject to change without notice.

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