

## 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.

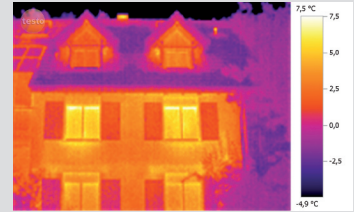


### Interchangeable lenses

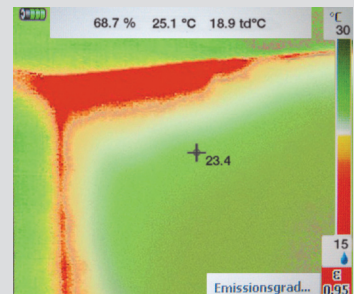
A wide-angle and a telephoto lens allow you to adapt to many different targets and many different distances encountered in the field.

## Easy operation with simple icons and intuitive menus

## APPLICATIONS



Examine building envelopes with the highest accuracy



Identify potential problem 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 USB 2.0
- Full feature software



## **NEW!** testo 876 Thermal Imager with easy viewing display

### 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 232°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
<b>PC Software</b>	
System requirements	Windows XP (Service Pack 2) Windows Vista, USB 2.0 interface
Warranty	2 years

### Accessories

Emissivity adhesive tape Heatproof up to 572°F	0554 0051
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

All Imager Kits will be delivered in a hard shell case including SD card, USB-cable, software power supply and tripod mounting plate.

Distributor:

**Brandt Instruments, Inc.**  
18568 Oak Grove Pkwy.  
Prairieville, LA 70769

1-800-337-6291  
Phone: 225-673-6776 Fax: 225-673-6725  
e-mail: [dbrandt@brandtinst.com](mailto:dbrandt@brandtinst.com)

<http://www.brandtinst.com>

**testo, Inc.**  
(800) 227-0729  
e-mail: [info@testo.com](mailto:info@testo.com)  
[www.testo.com](http://www.testo.com)