

# Testo 885 Thermal Imager

## Large display, simple touchscreen menus

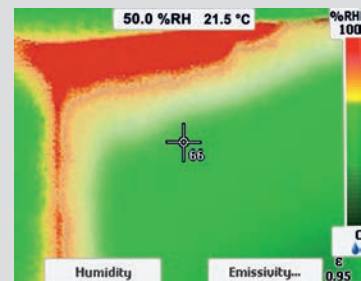
Rotating  
comfort grip



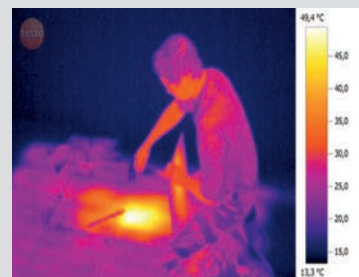
## VERSATILITY



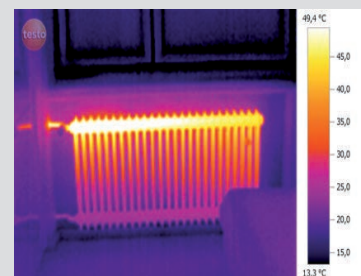
Interchangeable lenses



Surface moisture



Pinpoint concerns



Visualize details

### Easy to use with large view screen

The new Testo 885 thermal imager has many of the features you look for in a simple, easy to use thermal imager. Comfort grip, well balanced for one hand operation and superior application versatility due to the large image array and interchangeable lenses.

### Features

- 320 x 240 detector resolution
- SuperResolution option
- IRSoft software - included
- High temperature option
- Lens protection system
- SiteRecognition technology
- Standard high sensitivity 30mK

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## Technical Data

	885-1	885-2
<b>Infrared image output</b>		
Detector type	FPA 320 x 240 pixels, a.Si	
Thermal sensitivity (NETD)	<30 mK at 86°F	
Field of view / min. focus distance	30° x 23° / 4in. (standard lens) 11° x 9° / 19.68 in. (telephoto lens)	
Geometric resolution (IFOV)	1.7 mrad (standard lens), 0.6 (telephoto lens)	
SuperResolution (Pixel / IFOV) - optional in testo IRSof software	640 x 480 pixels / Radiometric 1.06 mrad (standard lens), 0.38 mrad (telephoto lens)	
Image refresh rate	33 Hz	
Focus	auto / manual	
Spectral range	8 to 14 µm	
<b>Image output visual</b>		
Image size / min. focus distance	3,1 MP / 19.68 in.	
<b>Image presentation</b>		
Image display	4.3" LCD touchscreen with 480 x 272 pixels	
Digital zoom	1x to 3x	
Digital options	IR / real image	
Video output	USB 2.0	
Color palettes	8 options (ironbow, rainbow, cold/hot, blue/red, grey scale, inverted grey, sepia, testo)	
<b>Measurement</b>		
Temperature range	-4 to 212°F / 32°F to 662°F, (switchable)	
High temperature measurement - optional	not available	662°F to 2192°F
Accuracy	±3.6°F, ±2% of reading	
Emissivity / reflected temperature	0.01 to 1 / manual	
Transmission correction (atmosphere)	standard	
<b>Measuring functions</b>		
Display of surface moisture distribution	not available	standard
Humidity measurement with radio humidity probe (automatic measurement value transfer in real time)	not available	optional
Solar mode	standard	
Analysis functions	up to 3 measurement points, Hot/Cold Spot Recognition, Area measurement (Min/Max & average), Isotherm and alarm values.	

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<b>Imager equipment</b>		
Digital camera	standard	
Standard lens	30° x 23°	
Interchangeable lens - optional	not available	11° x 9°
SiteRecognition (measurement site recognition with image management)	not available	optional
Panorama image assistant	standard	
Voice recording	not available	Blue tooth / wired headset
<b>Image storage</b>		
File format single image	.bmt; export in .bmp, .jpg, .png, .csv, .xls	
Storage device	SD card 2GB	
<b>Power supply</b>		
Battery type	Fast-charging, Li-ion battery can be changed on-site	
Operating time	4.5 hours	
Charging options	In instrument or in rapid charger.	
Power supply operation	Yes, with Part No. 0554 8808 (rapid charger)	
<b>Ambient conditions</b>		
Operating temperature range	5 to 122°F	
Storage temperature range	-22 to 140°F	
Air humidity	20% - 80% non-condensing	
Housing protection class (IEC 60529)	IP54	
Vibration (IEC 60068-2-6)	2G	
<b>Physical specifications</b>		
Weight	3.4 lbs.	
Dimensions (L x W x H)	9.9" x 5.1" x 4.3"	
Tripod mounting	Yes	
Housing	ABS	
<b>PC software</b>		
System requirements	Windows XP (Service Pack 3), Windows Vista, Windows 7, USB 2.0 interface.	
<b>Standards, tests, warranty</b>		
Warranty	2 years	

Information subject to change without notice. 1/12

**Distributor:**

## Ordering Information

**885-1 Thermal Imager Kit: 0563 0885 71**  
Includes thermal imager, hard shell case, SD memory card, USB cable, software and power supply.

**885-2 Thermal Imager Kit: 0563 0885 72**  
Includes thermal imager with site recognition feature, surface moisture display, voice recording Bluetooth headset, hard shell case, SD memory card, USB cable, software and power supply.

**885-2 Deluxe Thermal Imager Kit: 0563 0885 73**

Includes thermal imager with site recognition feature, telephoto lens, lens protection glass, additional battery, rapid battery charger, surface moisture display, voice recording Bluetooth headset, hard shell case, SD memory card, USB cable, software and power supply.

We measure it. **testo**

