

# Testo 882 Series Thermal Imagers

## Sensitivity, Resolution and Performance



Industrial and Commercial Preventive Maintenance applications are some of the most demanding work environments for use of a thermal imager. The 882 Series use of a proven design with features that are used every day, all day. The high sensitivity 50 mK and resolution 320 x 240 make this light weight imager extremely versatile in any inspection program.

With additional features like TwinPix image blending, Isotherms and Lens Protection Glass to provide another level of assurance and flexibility to one of your most powerful inspection tools.



## Features

- Large 3.5" LCD Screen
- Detector Resolution 320 x 240
  - SuperResolution 640 x 480
- <50 mK NETD sensitivity
- High Temperature Option 1022°F
- TwinPix image blending
- Solar Mode
- Isotherms
- Voice Annotation
- Lens Protection Glass
- Customizable Reporting Software

## Testo Thermal Imagers

	<b>Testo 882 Series</b>
<b>Model</b>	<b>882</b>
<b>Catalog Number</b>	<b>0560 0882 70</b>
<b>Warranty</b>	2 Years
<b>Detector type</b>	320 x 240 FPA
<b>SuperResolution (4x pixel upgrade)</b>	640 x 480 - Included
<b>Thermal sensitivity</b>	50 mK
<b>Visual Camera</b>	Included
<b>Standard Lens</b>	32° x 23° / 7" min. focus
<b>Telephoto Lens 9° x 7° / 20" Min. focus</b>	NA
<b>Telephoto Lens 11° x 9° / 19" Min. focus</b>	NA
<b>Telephoto Lens 15° x 11° / 19" Min. focus</b>	NA
<b>Video output Via USB</b>	Included
<b>Fully Radiometric Video Capture</b>	NA
<b>Lens Protection Glass</b>	Included
<b>IRSoft Analysis &amp; Report software</b>	Included
<b>Image refresh rate</b>	33 Hz
<b>Focus mode</b>	Manual & Motor
<b>Spectral range</b>	8 to 14 mm
<b>Image display</b>	3.5" LCD
<b>Rotating Display</b>	NA
<b>Rotating Handle</b>	NA
<b>Power LED Lights</b>	Included
<b>TwinPix ( Visual &amp; IR Image Blending)</b>	Included
<b>Panoramic Assistant</b>	NA
<b>Site Recognition ( Barcode &amp; Database Solution)</b>	NA
<b>Temperature range</b>	662°F
<b>Extended High Temperature Range</b>	1022°F Optional
<b>Accuracy</b>	±2% of reading
<b>Emissivity Correction</b>	0.01 to 1.0
<b>Atmosphere Correction ( Reflected Temperature)</b>	NA
<b>ISO Certification</b>	Optional
<b>Color palettes</b>	9
<b>Voice Annotation ( 30 Sec. per image)</b>	Headset Included
<b>Isotherm Function</b>	Included
<b>Solar mode ( Solar Intensity Values)</b>	Included
<b>Surface Moisture distribution</b>	Included
<b>Humidity measurement with Radio Probe</b>	Optional
<b>File format</b>	.bmt Export formats- bmp, jpg, cvs
<b>Storage device</b>	2GB SD Card
<b>Battery type</b>	Li-ion - 4+ hour run time
<b>Additional Battery</b>	Optional
<b>Battery Charging</b>	Internal
<b>External Rapid Charger</b>	Optional
<b>Operating temperature range</b>	5°F to 104°F
<b>Storage Range (IEC 60529)</b>	-22°F to 140°F
<b>Vibration (IEC 60068-2-6)</b>	2G
<b>Weight</b>	Approximately 2 lbs.
<b>Dimensions (L x W x H) in inches</b>	6" x 4.2" x 10.3"
<b>Tripod mounting</b>	Included
<b>Housing</b>	ABS Plastic
<b>Software System requirements</b>	Windows XP(SP2), Vista, 7 & USB 2.0 Port

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Information subject to change without notice.

### Ordering Information

All Thermal Imagers include the following:  
 Hard shell storage case, 2 GB SD memory card, USB cable, IRSoft software, power supply, battery, instruction manual and Certificate of Conformity.

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