

Testo 890 Series Thermal Imagers

Sensitivity, Resolution and Performance

The Best just keeps getting better. The 890 Series uses a flexibly designed platform that was designed and developed to your wishes, creating a thermal imager for practically any application. With 40 mK sensitivity, 42° standard lens and megapixel resolution, this imager is extremely versatile in any inspection or research program.

With additional features like a 15° telephoto lens to see objects far away, our Site Recognition barcode and database solution to keep track of results and ability to record Fully Radiometric Video for detailed frame by frame post analysis and trending, the 890 Series is an amazing imager.



Features

- Large 4.3" TouchScreen
- Detector Resolution 640 x 480
 - SuperResolution 1280 x 960
- <40 mK NETD sensitivity
- 42° Standard Lens
- 15° Telephoto Lens
- High Temperature Option 2192°F
- Site-Recognition & Database
- Fully Radiometric Video Recording
- Atmospheric Corrections
- Solar Mode
- Isotherms
- Bluetooth Voice Annotation
- Lens Protection Glass
- Customizable Reporting Software

Testo Thermal Imagers

	Testo 890 Series		
	890-1	890-2	890-2 DLX
Model			
Catalog Number	0563 0890 71	0563 0890 72	0563 0890 73
Warranty	2 Years		
Detector type	640 x 480 FPA		
SuperResolution (4x pixel upgrade)	1280 x 960 - Included		
Thermal sensitivity	40 mK		
Visual Camera	Included		
Standard Lens	42°x 32° / 3.9 Min. focus		
Telephoto Lens 9° x 7° / 20" Min. focus	NA		
Telephoto Lens 11°x 9° / 19" Min. focus	NA		
Telephoto Lens 15°x 11° / 19" Min. focus	NA	Optional	Included
Video output Via USB	Included		
Fully Radiometric Video Capture	NA	Full Radiometric Video Included	
Lens Protection Glass	NA	Optional	Included
IRSoft Analysis & Report software	Included		
Image refresh rate	33 Hz		
Focus mode	Manual / Auto		
Spectral range	8 to 14 µm		
Image display	4.3" Touchscreen		
Rotating Display	Included		
Rotating Handle	Included		
Power LED Lights	Included		
TwinPix (Visual & IR Image Blending)	Included		
Panoramic Assistant	NA	Included	
Site Recognition (Barcode & Database Solution)	NA	Included	
Temperature range	662°F		
Extended High Temperature Range	NA	2192°F Optional	
Accuracy	±2% of reading		
Emissivity Correction	0.01 to 1.0		
Atmosphere Correction (Reflected Temperature)	Included		
ISO Certification	Optional		
Color palettes	8	8	
Voice Annotation (30 Sec. per image)	NA	Bluetooth Headset Included	
Isotherm Function	Included		
Solar mode (Solar Intensity Values)	NA	Included	
Surface Moisture distribution	NA	Included	
Humidity measurement with Radio Probe	NA	Optional	
File format	.bmt Export formats- bmp, jpg, cvs		
Storage device	2GB SD Card		
Battery type	Li-ion - 4+ hour run time		
Additional Battery	Optional	Included	
Battery Charging	Internal		
External Rapid Charger	Optional	Included	
Operating temperature range	5°F to 104°F		
Storage Range (IEC 60529)	-22°F to 140°F		
Vibration (IEC 60068-2-6)	2G		
Weight	3.5 lbs.		
Dimensions (L x W x H) in inches	10" x 5.0" x 4.3"		
Tripod mounting	Included		
Housing	ABS Plastic		
Software System requirements	Windows XP(SP2), Vista, 7 and USB 2.0 Port		

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