

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

RESOLUTION

MORE PIXELS

- Bluetooth Voice Annotation
- Lens Protection Glass
- Customizable Reporting Software



Testo Thermal Imagers

		Testo 890 Series		
Model	890-1	890-2	890-2 DLX	
Catalog Number	0563 0890 71	0563 0890 72	0563 0890 73	
-	0303 0830 71		0303 0830 73	
Warranty		2 Years		
Detector type	640 x	640 x 480 FPA Uncooled Microbolometer		
Pixels		307,200		
SuperResolution (4x pixel upgrade)		1280 x 960 - Included		
SuperResolution Pixels		1,228,800 Megapixel		
Thermal sensitivity		40 mK		
NIST Certification		NIST Certification Included		
Visual Camera		Included (5 mp)		
Standard Lens				
Telephoto Lens 9° x 7° / 20" Min. focus		42°x 32° / 3.9 Min. focus NA		
Telephoto Lens 11°x 9° / 19" Min. focus		NA NA		
Telephoto Lens 11 x 9 / 19 Min. focus	NA	Optional	Included	
Video output Via USB	INA	Yes	included	
Radiometric Video / Process Analysis	NA		ic Video Included	
· · · · · · · · · · · · · · · · · · ·		tional		
Lens Protection Glass	Ор		Yes	
RSoft Analysis & Report software		Included		
mage refresh rate	+	33 Hz		
Focus mode	+	Manual / Auto		
mage modes	IR I	mage, Visual Image, Image G	iallerv	
mage modes		visuui iillage, iillage U	7	
Spectral range		8 to 14 μm		
Image display	Δ 3"	4.3" LCD Touchscreen 480 x 272 pixels		
Menu Operation		on joystick or touchscreen in		
Digital Zoom	2 0000	1 X to 3 X		
Rotating Display		Yes		
Rotating Handle		Yes		
Power LED Lights		Yes		
Power LED Lights		162		
TwinPix (Visual & IR Image Blending)		nera option or import visual i camera source or smart phor		
Panoramic Assistant		Included		
Site Recognition (Barcode & Database Solution)	NA	Incl	luded	
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)	Center Point, 3 mea	Yes Center Point, 3 measurement points, Auto Hot/Cold Spot Recognition, Area measurement (Min/Max & average)		
Measurment modes		measurement (Min/Max & a		
Color palettes	Area 8 (iro	n, rainbow, cold-hot, blue-re inverted grey, sepia, testo)	ed, grey,	
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Ordering Information

All Thermal Imagers include the following: Hard shell storage case, 2 GB SD memory card, USB cable, IRSoft software, power supply, battery,

