

## **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<sup>o</sup> 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.

SUPER RESOLUTION 4X

**MORE PIXELS** 

### **Features**

- Large 4.3" TouchScreen
- Detector Resolution 640 x 480 - SuperResolution 1280 x 960
- <40 mK NETD sensitivity</li>
- 42<sup>o</sup> 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		
Model	890-1	890-2	800.2 517
Model Catalog Number	0563 0890 71	0563 0890 72	890-2 DLX 0563 0890 73
Narranty	0303 0890 71	2 Years	0505 0850 75
Detector type	640 x	480 FPA Uncooled Microbol	ometer
Pixels		307,200	
SuperResolution (4x pixel upgrade)		1280 x 960 - Included	
SuperResolution Pixels		1,228,800 Megapixel	
Thermal sensitivity		40 mK	
NIST Certification Visual Camera		NIST Certification Included Included (5 mp)	
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 Video output Via USB	NA	Optional Yes	Included
Radiometric Video / Process Analysis	NA		c Video Included
Lens Protection Glass		ional	Yes
RSoft Analysis & Report software		Included	
mage refresh rate Focus mode	33 Hz Manual / Auto		
0003 m008	1		
mage modes	IR Ir	nage, Visual Image, Image G	allery
Spectral range		8 to 14 μm	
Image display	4.3"	LCD Touchscreen 480 x 272	pixels
Menu Operation	1 butt	on joystick or touchscreen ir	iterface
Digital Zoom	+	1 X to 3 X	
Rotating Display Rotating Handle	+	Yes	
Power LED Lights	1	Yes	
TwinPix ( Visual & IR Image Blending)		era option or import visual i amera source or smart phor	
Panoramic Assistant		Included	
	NA		udad
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Temperature range	NA	662°F 2192°F	uded Optional
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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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www.testo.com