



We measure it. **testo**

Testo 870 Series Thermal Imagers

Point. Shoot. Done.

پتروفرفرہان گستر جنوب

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Offers sharp, crisp, detailed, commercial quality images every time, right out of the box with the widest lens (34° x 26°) available.

Stack this up with the easy 1-button control and you have a technologically advanced, well thought-out thermal imaging solution for Commercial Contractors, Facility Managers and Energy Auditors.

The Testo 870 balances features and performance in an easy-to-use small, compact design.

Features

- Sharp, crisp images every time
- Easy 1-Button control
- Widest lens available



Upgrade Option

Meets all RESNET® Standards



Testo Thermal Imagers



		Testo 870 Series	
Model		870-1	870-2
Catalog Number		0560 8701	0560 8702
Warranty		2 years	
Detector type		160 x 120 FPA Uncooled Microbolometer	
Pixels		19,200	
<i>SuperResolution (4x pixel upgrade)</i>		320 x 240 - Optional	
<i>SuperResolution Pixels</i>		76,800	
Thermal sensitivity		100 mK	
<i>NIST Certification</i>		Optional	
Visual Camera		NA	Yes 3.1 MP
Standard Lens		34" x 26" / 19 inches	
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	
Video output Via USB		NA	
<i>Radiometric Video / Process Analysis</i>		NA	
<i>Lens Protection Glass</i>		NA	
<i>IRSoft Analysis & Report software</i>		Included	
Image refresh rate		9 Hz	
Focus mode		Optimized Focus Free	
Image modes		IR Image, Image Gallery	IR Image, Visual Image, Image Gallery
Spectral range		8 to 14 µm	
Image display		3.5" LCD 320 x 240 pixels	
Menu Operation		1 button joystick	
Digital Zoom		NA	
Rotating Display		NA	
Rotating Handle		NA	
Power LED Lights		NA	
TwinPix (Visual & IR Image Blending)		Yes (with integrated camera option or import visual images into IRSoft from any camera source or smart phone)	
<i>Panoramic Assistant</i>		NA	
<i>Site Recognition (Barcode & Database Solution)</i>		NA	
Temperature range		536°F	
Extended High Temperature Range		NA	
Accuracy		±2% of reading	
Emissivity Correction		0.01 to 1.0	
<i>Atmosphere Correction (Reflected Temperature)</i>		NA	
Measurement modes		Center Spot, Auto Hot / Cold	
Color palettes		4 (Iron, rainbow hc, blue-red, grey)	
Voice Annotation (30 Sec. per image)		NA	
Isotherm Function		NA	
ISO Certification		Optional	
<i>Solar mode (Solar Intensity Values)</i>		NA	
<i>Surface Moisture distribution</i>		NA	
Humidity measurement with Radio Probe		NA	
File format		.bmt & .jpeg Export formats- bmp, jpg, cvs, png, xls	
Storage device		Internal 1.6 GB	
Battery type		Li-ion - 4+ hour run time	
<i>Additional Battery</i>		Optional	
Battery Charging		Internal	
External Rapid Charger		Optional	
Operating temperature range		5°F to 122°F	
Storage Range (IEC 60529)		-22°F to 140°F	
Vibration (IEC 60068-2-6)		2G	
Weight		1.2 lbs	
Dimensions (L x W x H) in inches		8.8 x 3.7 x 3.7	
Imager protection Class		IP 54	
Hard travel case		NA	Yes
Tripod mounting		NA	
Housing		ABS Plastic	
Software System requirements		Windows 8, XP(SP2), Vista, 7 and USB 2.0 Port	

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Information subject to change without notice.

Ordering Information

testo 870 Thermal Imager includes:
 USB cable, IRSoft software, power supply, battery,
 instruction manual and Certificate of Conformity. The
 testo 870-2 includes a hard shell storage case.

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