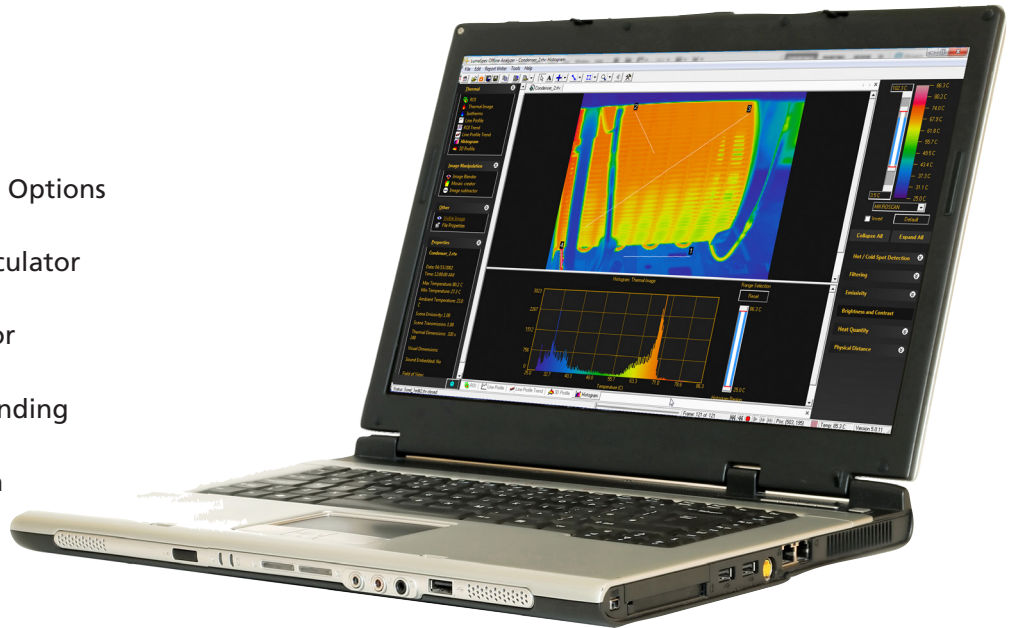


Advanced Thermal Image Processing, Analysis, and Report-Writing Software

LumaSpec™ Offline Analyzer

- Advanced Image Analysis
- Easy-to-use Report Writer
- Multiple Built-in Language Options
- Built-in Lens / Distance Calculator
- Built-in Heat Loss Calculator
- Thermal / Visual Image Blending
- Mosaic Image Construction



Thermal Image Display

The LumaSpec Offline Analyzer software from LumaSense Technologies features a full suite of tools designed for advanced image analysis of radiometric thermal image data. Tools such as average, median, sharpen, and gaussian filters allow you to highlight relevant details in thermal images.

LumaSpec Offline Analyzer also allows you to define temperature ranges and colors to create both eight-channel static isotherms and single-channel dynamic isotherms.

The analyzed images can be interpreted into an easy-to-read graphic representation of discrete temperature ranges.

Regions of Interest

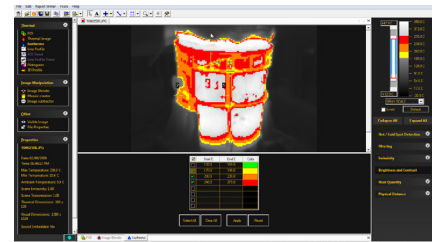
The regions of interest (ROIs) feature allows you to define and label a variety of region shapes and to

automatically calculate average, minimum, and maximum temperatures within those regions.

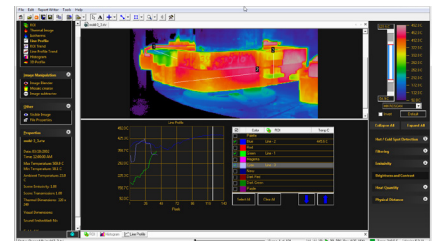
When drawing a line ROI, the Line Profile feature can be used to generate a temperature vs coordinate graph along any line on the thermal image.

LumaSpec Offline Analyzer Report Writer

The LumaSpec Offline Analyzer Report Writer feature provides thermographers with a powerful, yet easy to use means of creating professional-quality reports based on data analyzed by the LumaSpec Offline Analyzer software.

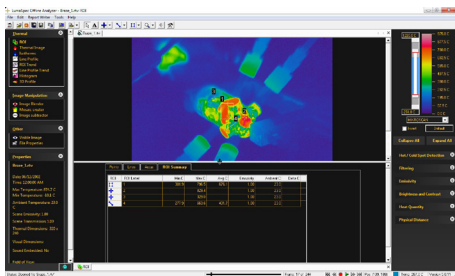


Isotherm Applied to Thermal Image



ROIs on Thermal Image with associated Line Profile

Software Features



Thermal Tools

Understand your manufacturing process more completely with LumaSpec™ Offline Analyzer's broad range of analysis tools including regions of interest, temperature profile, histogram, trend, and 3D profiles. Analysis can be based on thousands of regions or the entire scene.

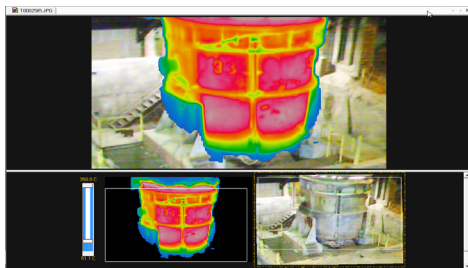
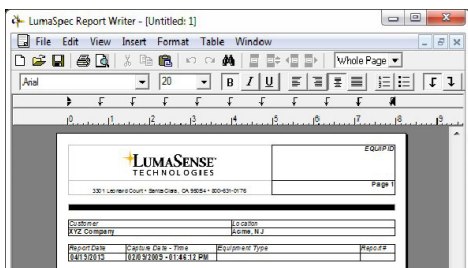


Image Manipulation Tools

LumaSpec Offline Analyzer provides you with state-of-the-art image enhancement tools to visualize your processes like never before. Preset and customizable color palettes, brightness, contrast, and proprietary image enhancement algorithms are just some of the options available for viewing captured images and sequences using our intuitive user interface.



Report Writer

The LumaSpec Offline Analyzer Report Writer is designed with a powerful, yet simple and user-friendly means for creating professional-quality reports based on data collected by the software. You can either run the Report Writer as a stand-alone word processing program or simultaneously with your LumaSpec Offline Analyzer software.

Compatibility

Operating Systems

- Windows® XP (32 or 64 bit)
Service Pack 3 or higher
- Windows® Vista (32 or 64 bit)
Service Pack 2 or higher
- Windows® 7 (32 or 64 bit)
Service Pack 1 or higher
- Windows® 8 (32 or 64 bit)

System Requirements

- 2 GHz or higher processor
- 512 MB Ram or higher
- Accelerated Video: 24 bit or higher

File Types

- Thermal Images: .JPG, .LTI, .RTI, .SIT, .SIX, .TMP
- Thermal Sequences: .LTV, .RTV, .SVT

Note: The JPG format is a LumaSense (formerly Mikron) thermal JPG version (NOT compatible with JPG formats from other manufacturers).

LumaSense/Mikron Camera Compatibility

- 5104
- 7102
- 7200
- 7200V
- 7302
- 7400
- 7500
- 7515
- 7550
- 7600Pro
- 7604
- 7650Pro
- 7640
- 7800
- 7815
- 7815B
- 7850
- 9103
- 9104
- 9200 / MCS640
- MC320
- Midas



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PRECISION | POWER | PERFORMANCE

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