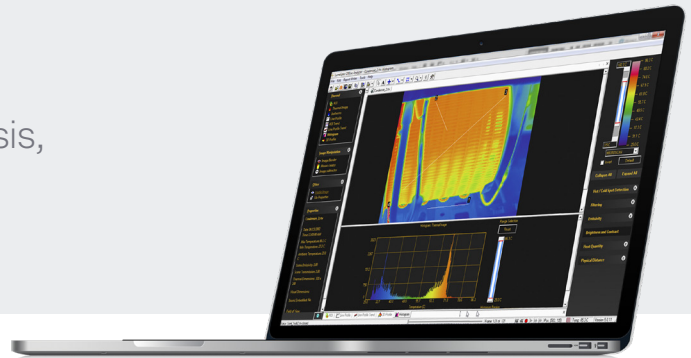


# LUMASPEC OFFLINE ANALYZER 5.0

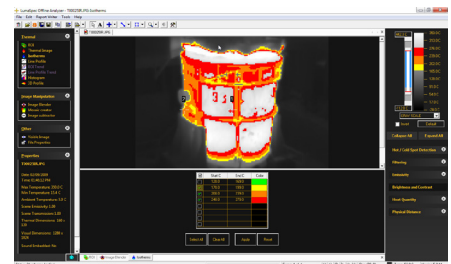
Advanced thermal imaging processing, analysis,  
and report-writing software



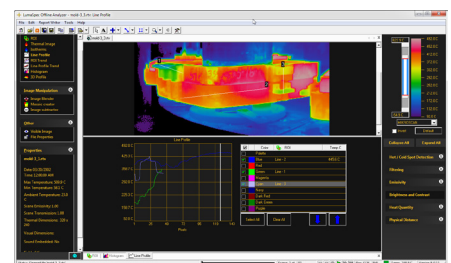
LumaSpec™ Offline Analyzer 5.0 software features a full suite of tools designed for advanced image analysis of radiometric thermal image data. Tools such as average, median, sharpen, and gaussian filters allow you to highlight relevant details in thermal images.

You can also 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 (ROIs) allow you to define and label a variety of region shapes and to automatically calculate average, minimum, and maximum temperatures within those regions.

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



Isotherm applied to thermal image

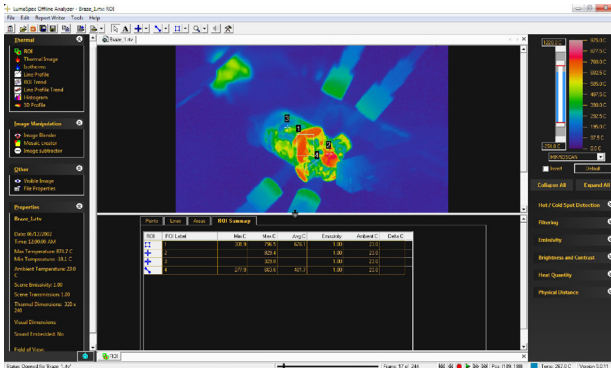


ROIs on thermal image with associated  
line profile

## PRODUCT HIGHLIGHTS

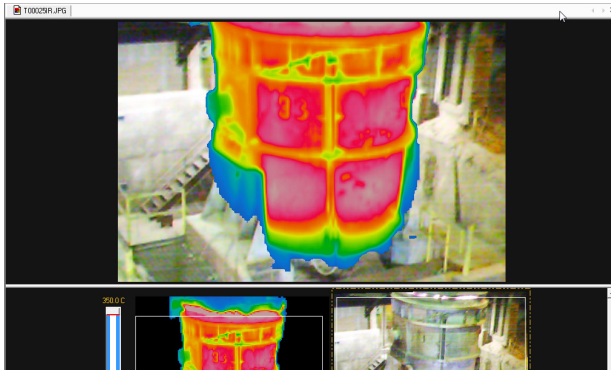
- Advanced image analysis
- Easy-to-use report writer
- Built-in lens/distance calculator
- Built-in geat loss calculator
- Thermal/visual image blending
- Mosaic image construction
- Multiple built-in language options

## SOFTWARE FEATURES



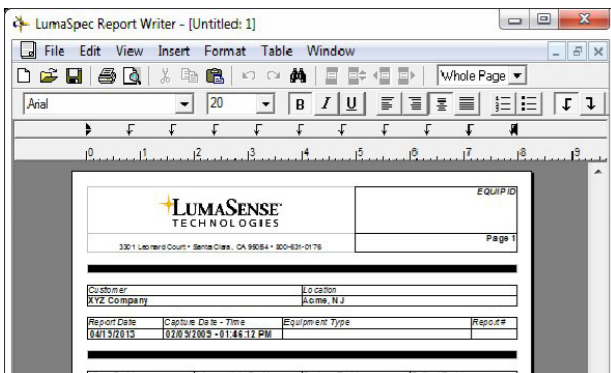
### Thermal Tools

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® 7 (32 or 64 bit) Service Pack 1 or higher

Windows® 8 (32 or 64 bit)

Windows® 10 (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<sup>1</sup> .JPG, .LTI, .RTI, .SIT, .SIX, .TMP

Thermal Sequences .LTV, .RTV, .SVT

## Advanced Energy/Mikron Camera Capability

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

<sup>1</sup> The JPG format is an Advanced Energy (formerly LumaSense, Mikron) thermal JPG version (NOT compatible with JPG formats from other manufacturers).



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+1 970 221 0108

## ABOUT ADVANCED ENERGY

Advanced Energy (AE) has devoted more than three decades to perfecting power for its global customers. AE designs and manufactures highly engineered, precision power conversion, measurement and control solutions for mission-critical applications and processes.

AE's power solutions enable customer innovation in complex semiconductor and industrial thin film plasma manufacturing processes, demanding high and low voltage applications, and temperature-critical thermal processes.

With deep applications know-how and responsive service and support across the globe, AE builds collaborative partnerships to meet rapid technological developments, propel growth for its customers and power the future of technology.

PRECISION | POWER | PERFORMANCE

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