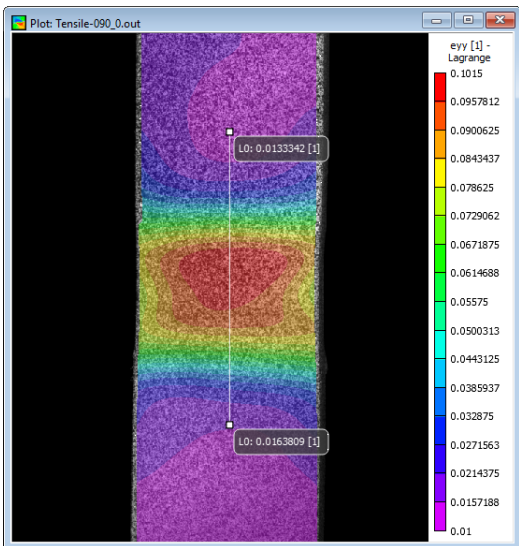
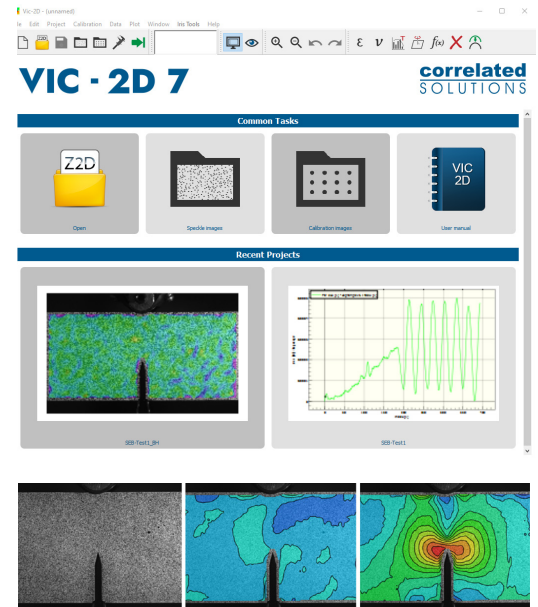


Introducing **VIC-2D** with *iris*

The VIC-2D system is a fully integrated solution that utilizes our optimized correlation algorithms to provide non-contact, full-field, two-dimensional displacement and strain data for mechanical testing on planar specimens. In-plane displacements are measured at every pixel subset within the area of interest, and full-field strain is computed with many tensor options.

The VIC-2D system measures in-plane displacements and strains over 2000% with measurement resolution as low as 10 microstrain possible. Specimen sizes ranging from microns to meters are measured easily, and with a built-in microscope distortion correction and SEM drift correction module, the software is the most flexible and powerful 2D DIC software on the market.

And now, included with the latest VIC-2D release, the all-new *iris* graphics engine brings a host of new functionality including the ability to export high resolution still and moving images with multiple page PDFs or MP4 presentations. You won't have to leave VIC-2D to achieve world-class data visualizations.

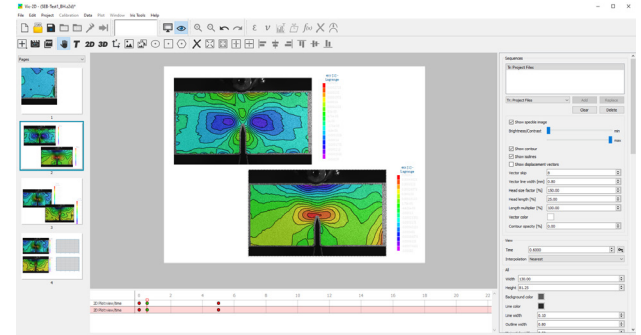


- ▶ **Turnkey Solution** – Get started immediately. Our systems are fully functional right out of the box. You'll never have to worry about compatibility issues or any other problems with this guarantee.
- ▶ **Full-Field Measurements** – Easily identify critical points and unrecognized hotspots by analyzing the entire area of a specimen rather than a single point.
- ▶ **Non-Contacting** – Eliminate all mechanical interaction with the sample for more accurate results.
- ▶ **Advanced Data Visualization** – Create high-resolution, publication-ready plots in PDF and ultra-high-definition video (from 720p to 4K) directly in the VIC-2D software with *iris*.
- ▶ **Customization** – Customize your system to meet your testing parameters. Whether your application requires high-magnification or high-speed data acquisition, we have a solution for you.

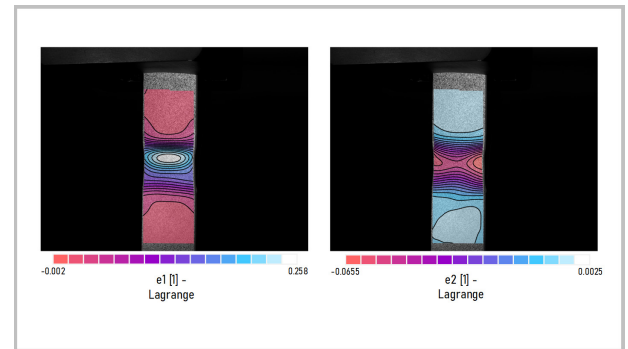


NEW VIC-2D 7 Features:

- The all-new graphics engine *iris* allows users to create multiple-page, high-resolution, publication-ready plots in PDF and ultra-high-definition video formats (from 720p to 4K).
- High-resolution isolines can be viewed on plots with scalable fonts.
- Unicode support is now available to edit labels.
- The all-new, user-friendly visualization engine *iris* can animate object position, scale, opacity, rotation, and much more.
- The multi-threaded rendering engine creates high-quality videos.
- The integrated adaptive motion blurring option creates life-like animations for fast-moving objects.
- Finite element data can be imported for visualization and comparison to measurement data directly in *iris*.
- Extraction points can be displayed on contour plots with customizable labels.
- Multiple variables can be viewed on contour plots at the extraction locations using a new escape code dialog.
- An unlimited number of data extractions are now saved with the project.
- The user-interface has been updated to improve user experience.



All-new *iris* user interface



High-resolution PDF exported directly from *iris*.

System Type	VIC-2D SR	VIC-2D HR	VIC-2D XR	VIC-2D HS	VIC-2D UHS
Camera Resolution	1920 x 1200	2448 x 2048	From 12 to 31 MP	up to 4 MP	400 x 250
Frame Rate	155 Hz	75 Hz	up to 335 Hz	up to 300 KHz	5 MHz
In-Plane Resolution	0.000005 * FOV	0.000005 * FOV	0.000005 * FOV	0.00001 * FOV	0.00002 * FOV
Strain Resolution	down to 10 $\mu\epsilon$	down to 10 $\mu\epsilon$	down to 10 $\mu\epsilon$	down to 10 $\mu\epsilon$	down to 50 $\mu\epsilon$
Strain Range	from 0.005% to >2,000%	from 0.005% to >2,000%	from 0.005% to >2,000%	from 0.005% to >2,000%	from 0.010% to >2,000%

This table provides the specifications for common VIC-2D systems configurations.