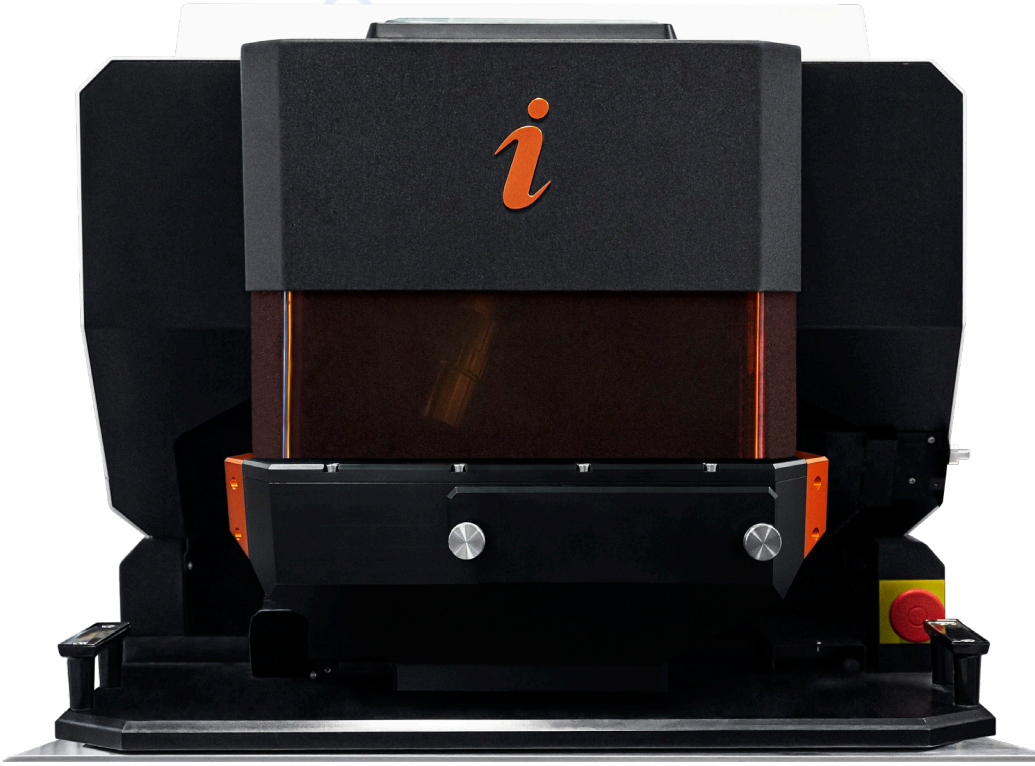
imageBIO266

THE ULTIMATE PERFORMANCE FOR LASER ABLATION BIOIMAGING

THE ONLY LASER ABLATION SYSTEM DESIGNED
FOR MAXIMUM PERFORMANCE IN BIOIMAGING

FEATURES

- BIO-SPECIFIC LASER SOURCE
- SUB-MICRON ABLATION
- HIGH RESOLUTION VIEWING
- XYR DEVICE STANDARD



Easier to set parameters to analyze the tissue, not the microscope slide.

Sub-micron mode for single cell imaging.

20X objective for viewing and placing scans at the sub-cellular level.

Rectangular craters match sampling to the output pixel shape.

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INNOVATION TO ILLUMINATE

XYR Beam Shaping

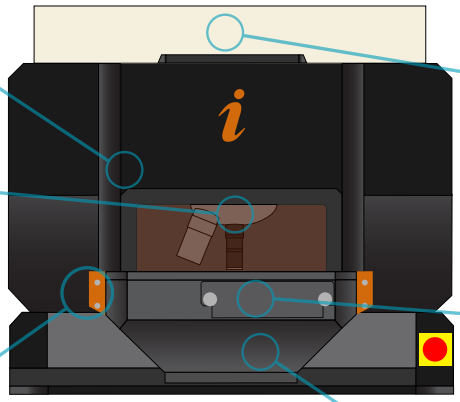
- Square and rectangular ablations (sampling matches pixels)

Microscope Viewing

- Ultra-HD viewing of the sample
- High-resolution camera
- 8X coaxial objective
- 20X video objective (upgrade option)
- Software switchable objective

Typhoon Purge

- World's most efficient air removal system



Diode-pumped Solid-state 266 nm Laser

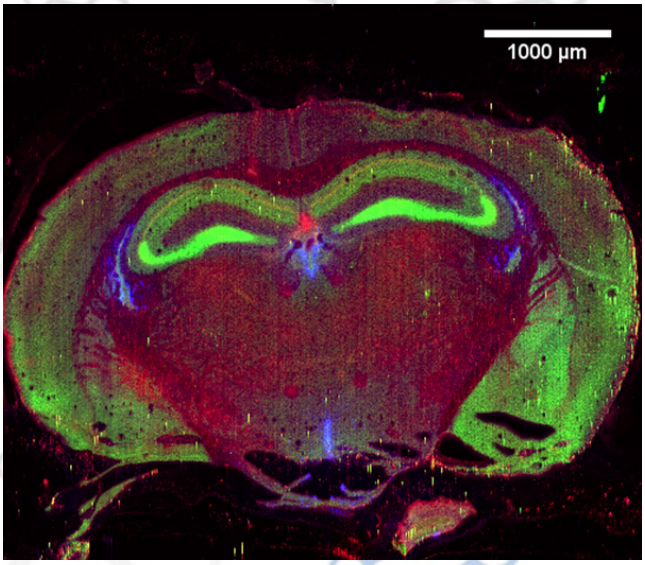
- Couples efficiently with biological tissue but not the glass substrate
- Lifetime into billions of shots
- Air-cooled laser head
- Extreme stability
- Low cost of ownership

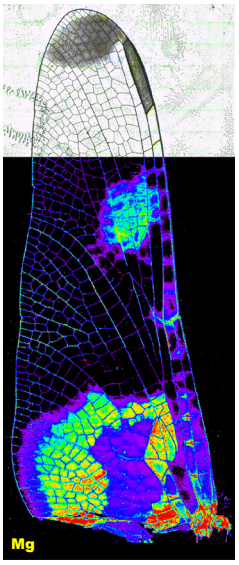
TwoVol3 Ablation Chamber

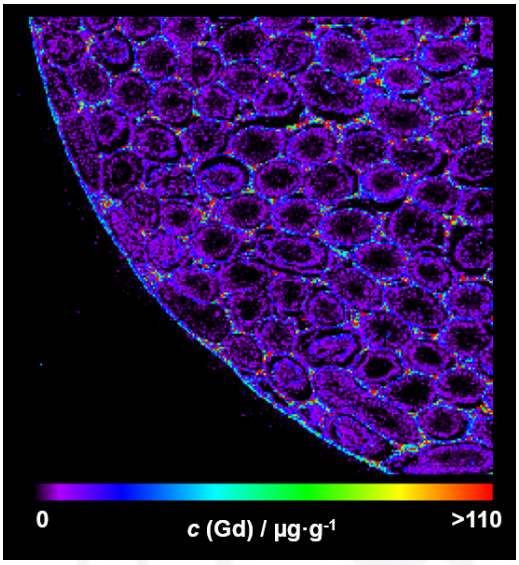
- Imaging Mode: Ultra-fast washout (< 1 ms) for high sensitivity and high imaging resolution
- Analytical Mode: Switchable cup for smooth data analysis

Nanograde High-Precision Stages

- 10 nm resolution at max stage speed of 25 mm/s







Elemental Scientific LASERS

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