NWRimage GEO

XYR Beam Shaping
- Square and rectangular ablations
- Sampling matches pixels
- Max spot size = 240

Microscope Viewing
- Ultra-HD viewing of the sample
- < 0.55 μm resolution
- 20X video objective (upgrade option)
- Software switchable objective

Beam Delivery System (BDS)
- Purpose designed sealed and purged BDS with minimal and rotatable optics for lowest cost of ownership

Imaging Mode
- Enabled to provide edge-to-edge ablation or control laser dosage

TwoVol3 Ablation Chamber
- Imaging Mode Enabled: Ultra-fast washout (< 1 ms – 1000 pixels/s) for high sensitivity and high imaging resolution
- Analytical Mode: Switchable cup for high precision data analysis
- Typhoon Purge: World’s most efficient air removal system

Nanograde High-Precision Stages
- 10 nm resolution at high speeds

High Frequency 193 nm Excimer Laser Source
- Water cooled, 500 Hz frequency for stable high speed imaging
- 1000 Hz available (upgrade option) – ideal for ICP-TOF-MS integration