**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

**TwoVol3 Ablation Chamber**
- Imaging Interface: Ultra-fast washout (< 1 ms – 1000 pixels/s) for high sensitivity and high imaging resolution
- Analytical Interface: 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 speed with closed-loop feedback for perfect position recall

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

**Imaging Mode**
- Provides edge-to-edge ablation and controlled laser dosage

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

**XYR Beam Shaping**
- Square and rectangular ablations
  - Sampling matches pixels
  - Spot size = 1-240 μm

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