

ESLfemto

THE ULTIMATE LASER ABLATION INSTRUMENT

ULTRASHORT FEMTOSECOND LASER TECHNOLOGY TAMED TO PROVIDE BEST FRACTIONATION CONTROL
IN COMBINATION WITH THE HIGHEST POSSIBLE SPEED IMAGING

FEATURES

- HIGHEST FREQUENCY LA IMAGING
- HIGHEST ACCURACY AND PRECISION
- ROBUST AND RELIABLE FEMTOSECOND LASER ABLATION
- APPLICATION FLEXIBILITY
- END-TO-END WORKFLOW



HIGHEST FREQUENCY LA IMAGING

- Laser frequencies in excess of 10 kHz!
- In combination with ESL's FAST aerosol transport technology, breakthrough the 1 kHz high speed imaging barrier!

HIGHEST ACCURACY AND PRECISION

- Leverage the proven benefits of ultrashort femtosecond laser ablation and achieve the most accurate and precise data possible.

RELIABLE AND ROBUST FEMTOSECOND LASER ABLATION

- With a super reliable solid-state Pharos2 laser and a field proven optical design.
- A turn-key user experience with the lowest cost-of-ownership.
- Proven field-based performance.

APPLICATION FLEXIBILITY

- Excels at both high precision bulk analysis and high-speed imaging.
- Compatible with all of ESL's application extending accessories including CryoCell, ECHO split streaming and even LIBS.
- 257nm femtosecond laser ablation as standard with other wavelength options available.

END-TO-END WORKFLOW

- When utilized with ESL's iolite software - A total analytical solution for geological bulk analysis, isotope systems and ultrafast elemental imaging.



Elemental Scientific
LASERS

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