

fs-LA (femtosecond Laser Ablation)

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Femtosecond laser with almost no pretreatment of the sample's inorganic element analysis.

Model

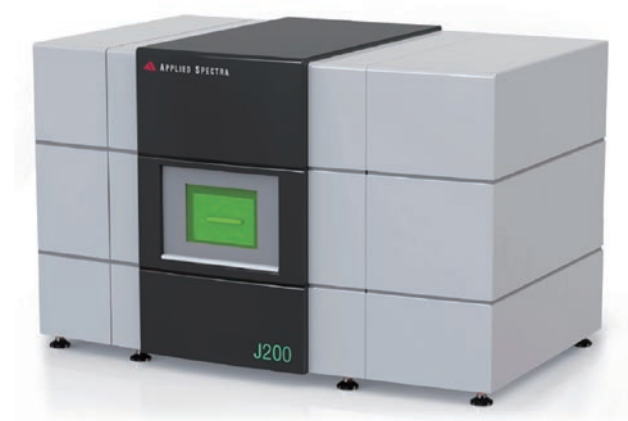
J200 (Applied spectra. Inc., US)

Specifications

- Types of laser emission : Pulse laser
- Laser material : Ytterbium
- Wavelength of light : 343, 515, 1030 nm
- Wavelength : Femtosecond laser

Applications

- Element analysis of solid types (ex : jewel, soil, mineral etc.)
- fs LA-ICP-QMS

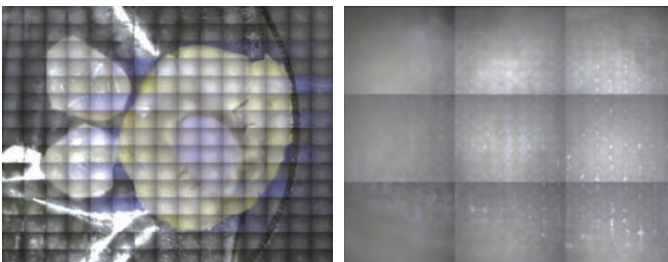


Location L2336 Tel.02-958-5968

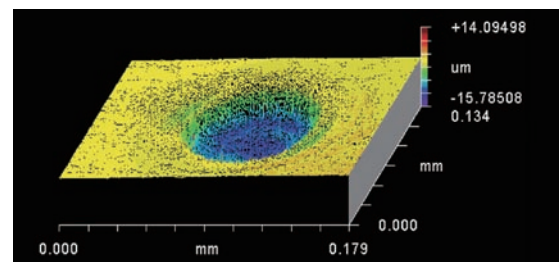
Advantages

- UV and IR capability with ample energy to perform consistent laser ablation for a wide range of laser spot sizes
- Ablated particle sizes ideal for LA-ICP-MS analysis
- Powerful software interface with easy-to-navigate component control menu for real-time monitoring of laser, stage, gas flow parameters and other LA-ICP-MS sampling conditions

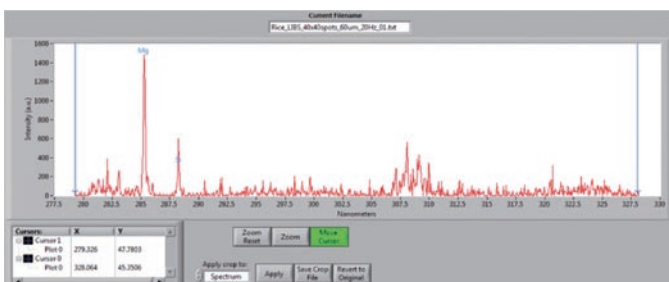
Laser ablation



Femtosecond laser



Spectrum



Sample analysis

