LaserTRAX

AUTOMATED SOLID SAMPLE INTRODUCTION FOR ICP AND ICPMS

Fully automated platform for LA-ICP-MS
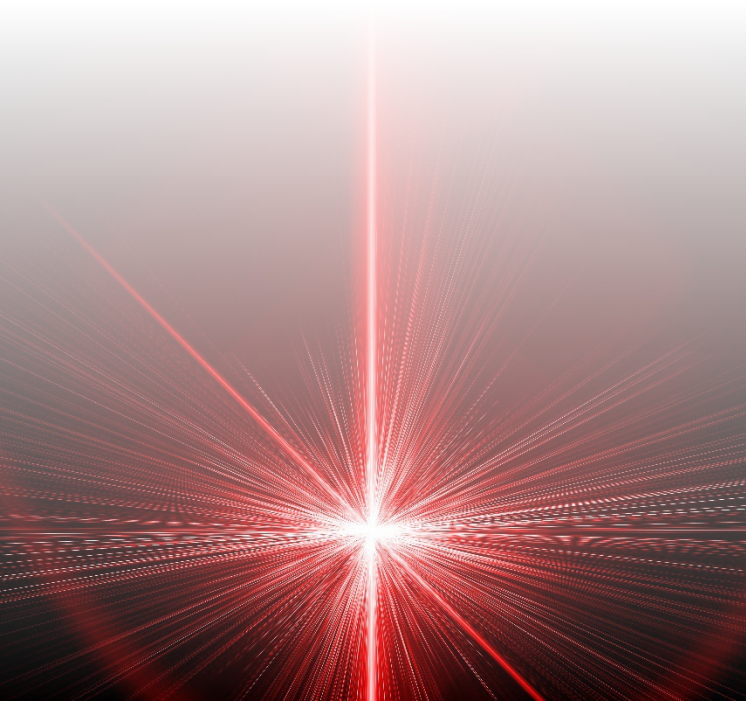that integrates seamlessly into existing workflows
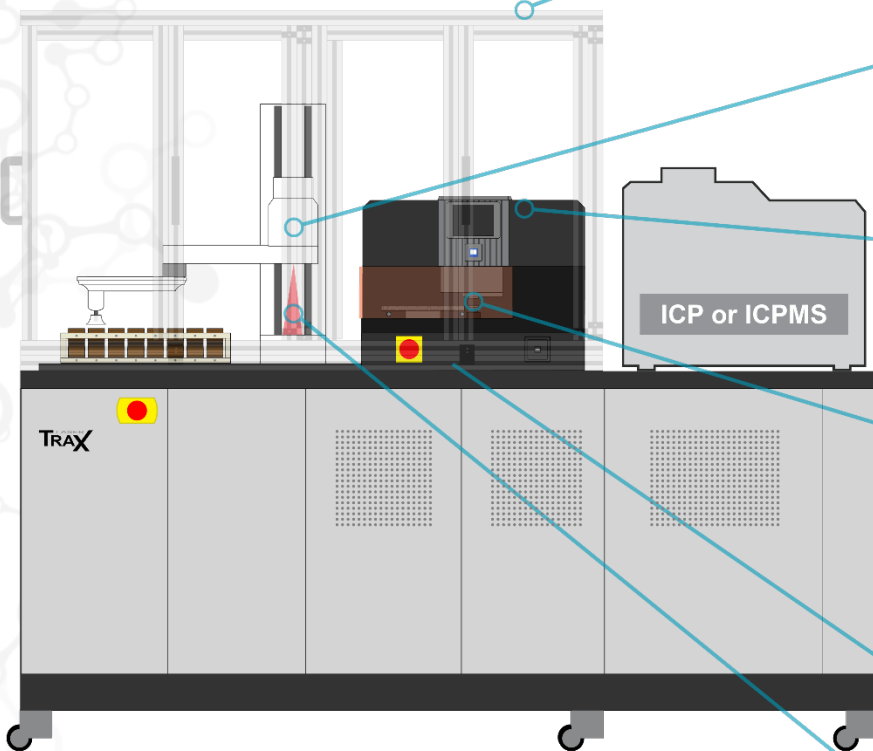
Features

Automation

Automated 24/7 analysis of samples by LA-ICP or LA-ICP-MS

Flexibility

Ability to integrate robot to handle any sample type for ICP or ICPMS

Tracking

Sample tracking improves workflow and real-time sample status

Elemental Scientific
L A S E R S

INNOVATION TO ILLUMINATE

kenelec scientific
measuring up

LASER TRAX

Class 1 Laser Interlocked Enclosure

- Customizable for sample volumes
- Add/remove samples during operation
- Extraction available

Robotic Sample Handling

- Reduced operator input
- Fully-automated sample handling
- 24/7 operation

Laser Module

Various laser modules are available depending on the application requirements

SelfSeal Sample Chamber

- 5 s gas purge per sample
- Automated chamber cleaning
- High sample transport efficiency
- Enhanced signal response
- Rapid sample changeover

High-Throughput

- Up to 5X faster than conventional laser ablation

Barcode Scanner

- Reads sample ID
- Two-way LIMS communication
- Auto-builds real-time ICPMS run list

ICP or ICPMS

ESL Elemental Scientific LASERS