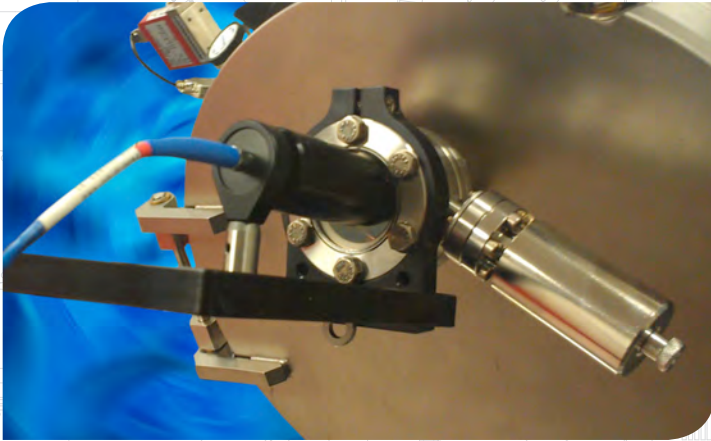


Laser Plume Analysis

Engines for Thin Film Innovation



Laser Plume Analysis

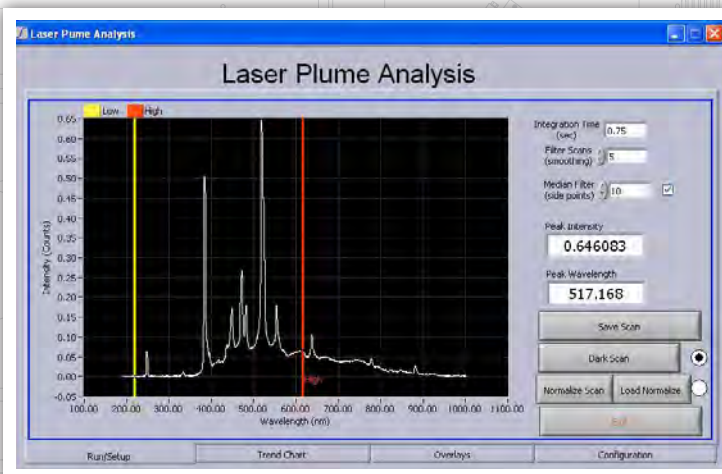
- SVT Associates' Laser Plume Analysis measures the optical spectrum of the laser plume in SVT Associates' pulsed laser deposition system.
- Creates graphs of live intensity vs wavelength for comparison and analysis. Atomic emission lines of the elements in the plume due to target ablation are clearly visible.
- Overlay up to eight saved data scans on the current live scan.
- Logs data to a scan file for future reference.

SVT Associates, Inc.

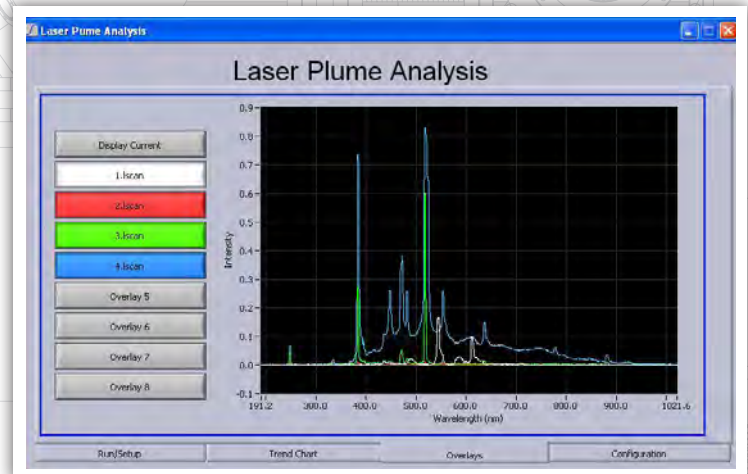
- Leading manufacturer of thin film deposition equipment with over 120 systems in the field.
- In-house Applications Laboratory with seven deposition systems producing world class materials.
- Continuously developing strong combinations of equipment manufacturing and process know-how.
- Diverse system product line spanning the thin film deposition market.

Applications

- Plume Intensity
- Repeatability
- Material Quality
- Material Composition Target
- Plume/Target Stability
- Wavelength Analysis



Laser Plume Analysis display showing the live intensity vs wavelength data with starting and ending positions set.



Laser Plume Analysis display showing four of the eight possible saved data scans overlaid on the current live data.

