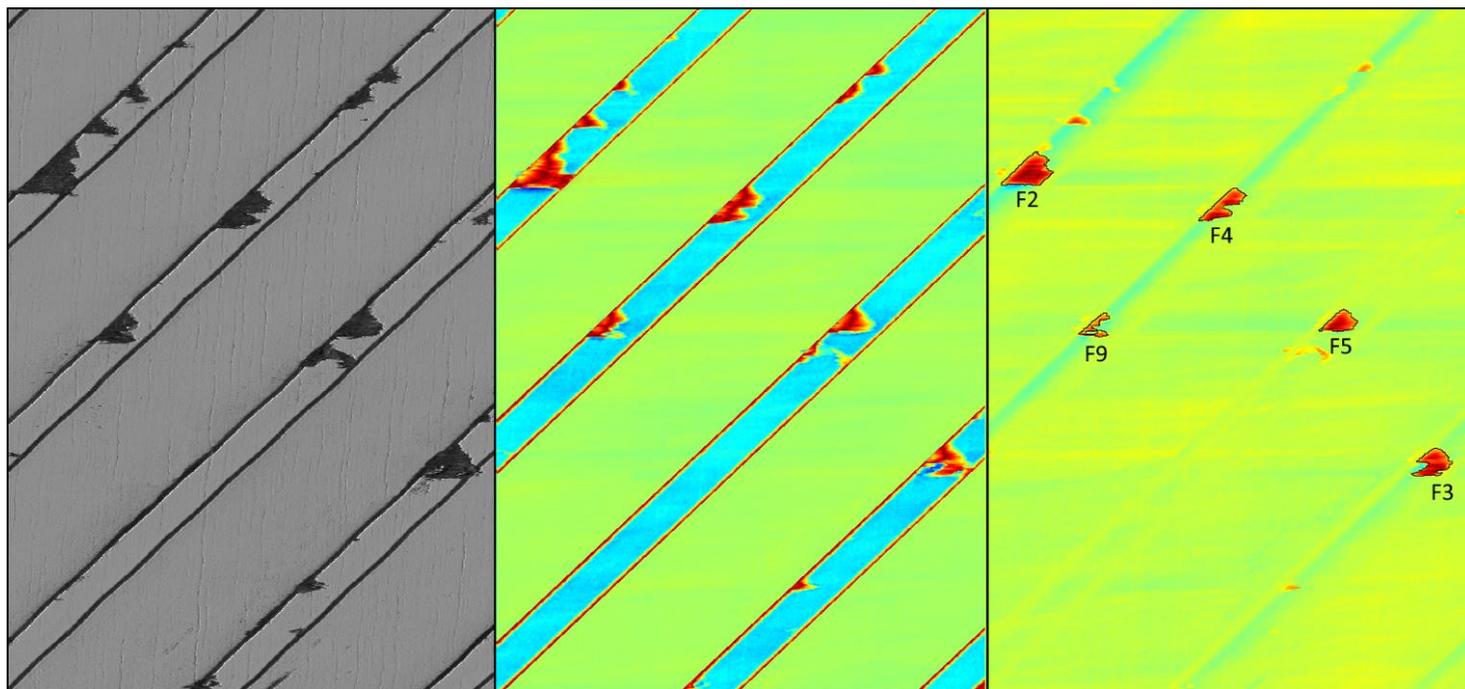


LaserViewer™ Analysis Automatic Feature Detection Module – Rifled Bores



Three views of a small caliber barrel. From Left: LaserVideo™ Image, Laser Profile Data, Automatic Feature Detection

	Start X	Start X (deg)	End X	End X (deg)	Length X	Start Y	Average	Area	Volume
F 2	13.3	216.0	14.3	232.3	1.0	220.1	0.048	3.5	0.17
F 3	21.1	341.1	21.9	353.8	0.8	166.8	0.044	2.3	0.10
F 4	17.1	276.1	18.0	291.1	0.9	213.5	0.038	2.3	0.09
F 5	19.3	312.8	20.1	324.9	0.7	193.2	0.042	1.8	0.08

Tabular results for calculated erosion features from the above small caliber scan data (sorted by area)

Feature Criteria

Feature Type: Chrome Loss
Erosion
Chrome Loss
Deposits

Minimum Chrome Thickness: mm

Minimum Peak Depth: mm

Minimum Feature Width: mm

Minimum Feature Length: mm

Minimum Feature Gap: pixels

User-configurable settings for Automatic Feature Detection

Automatic Feature Detection Module – Rifled Bores (SFW-PC-RPT-R-AFD)

- **Includes all features** of Bore Analysis Reporting Module - Rifled Bore
- **Automatic** identification and calculation of all features based on user criteria
- **Calculations** for Erosion, Deposits and Chrome Loss
- **Visual display** of location and boundaries of all identified features
- **Tabular reporting** of feature dimensions, area, volume, and position