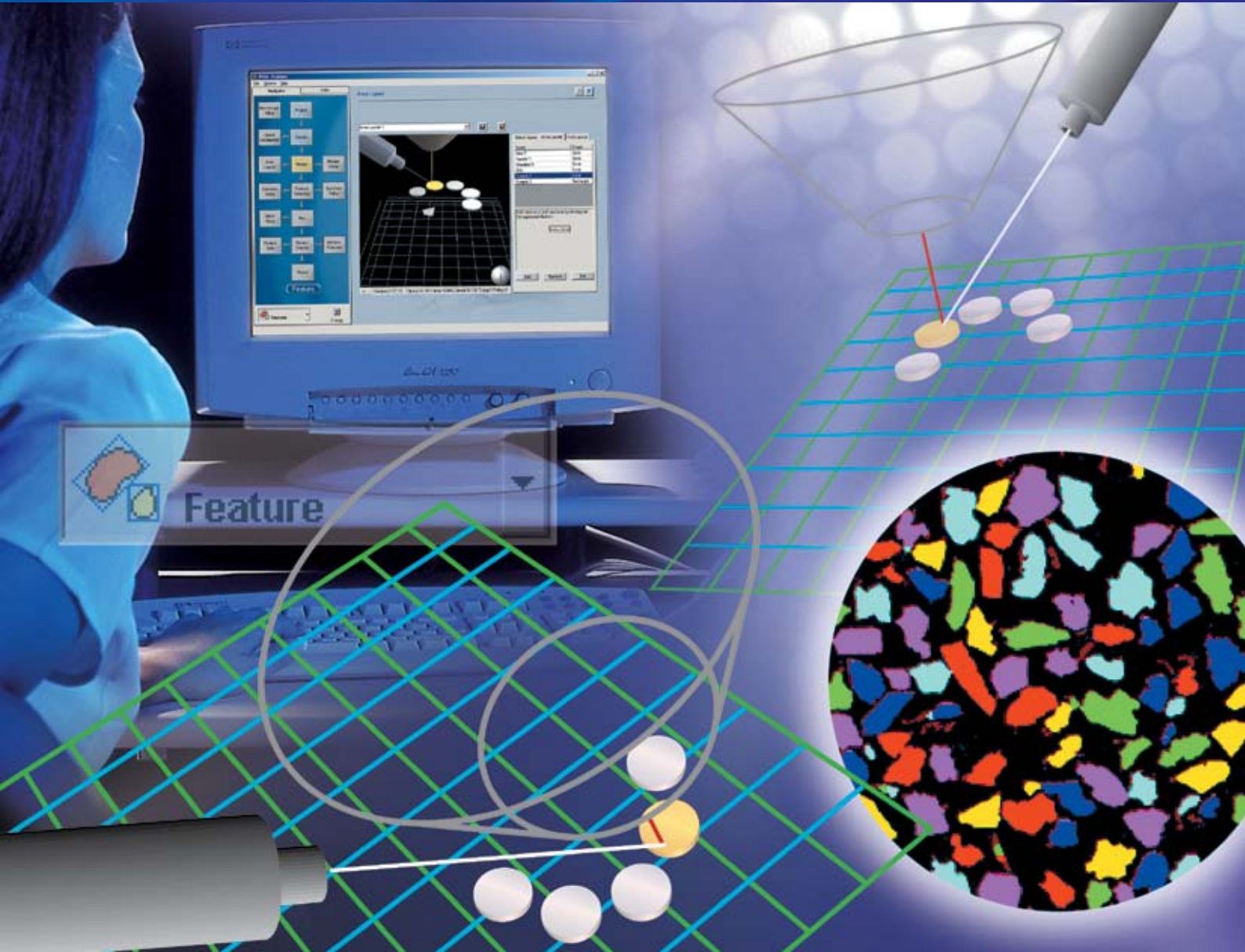


DETECT

INCA Feature

High performance feature detection, analysis and classification



OXFORD
INSTRUMENTS

The Business of Science®



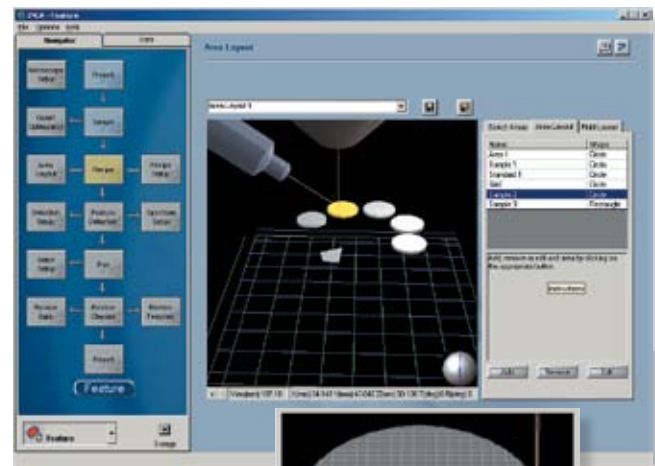
INCA Feature sets new standards for accuracy, productivity, and reliability

Versatility

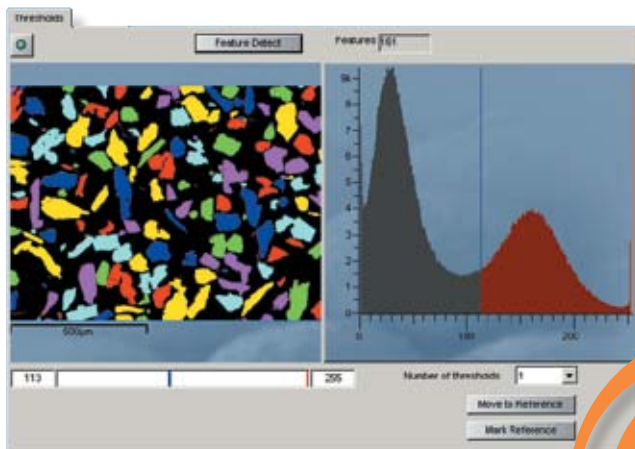
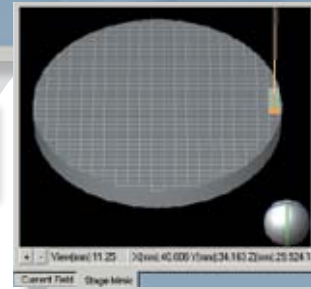
- Analyse any kind of particle by morphology and chemistry
- Easy set-up of recipes for any type of particle
- Customised recipes and plug-ins available for:
 - Gun-shot residue analysis (GSR)
 - Mineral Liberation analysis (INCAMineral)
 - Steel Inclusion Analysis (INCASteel)
 - Technical Cleanliness

Feature detection

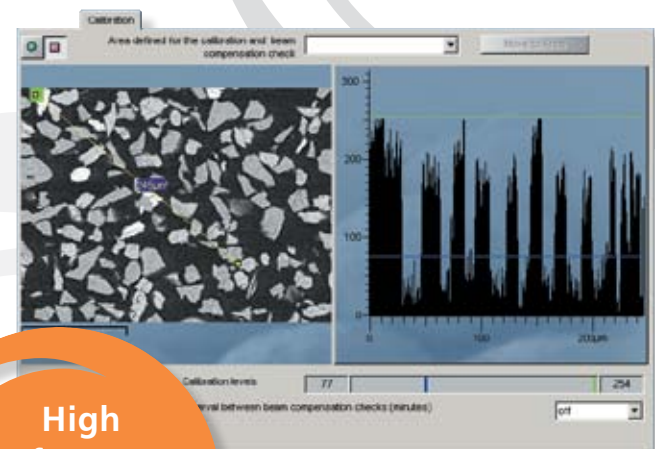
- Reliable and valid data every time
- Accurate separation and definition of all phases
- Simple set up of routine and non-routine analyses



Area Layout

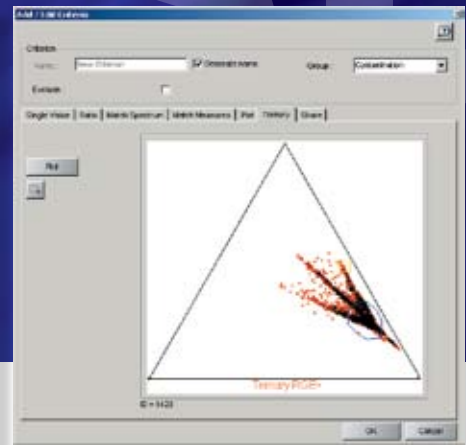
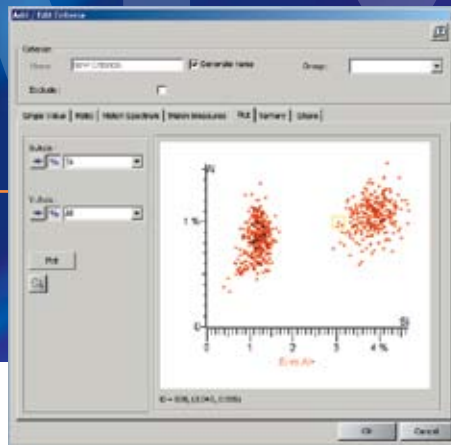


Feature Detection



High performance feature detection

Class Setup



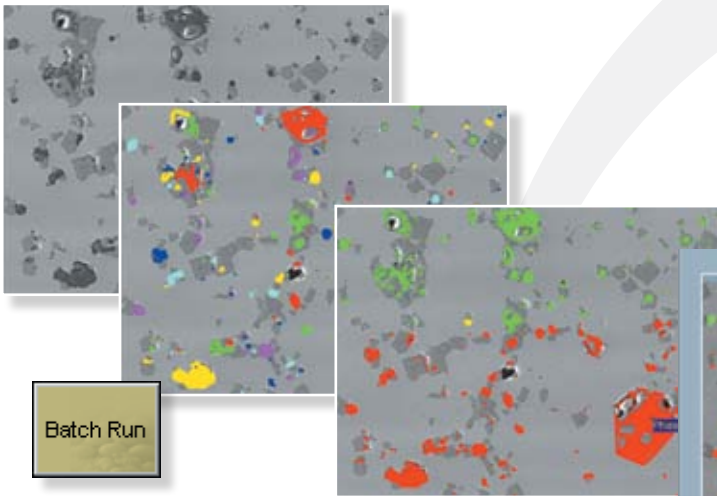
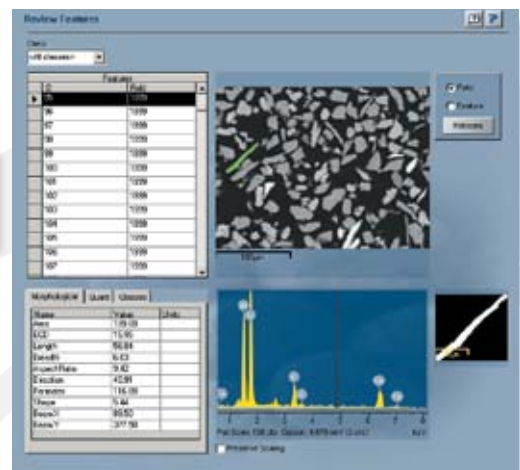
Classification

- Classify features by morphology, chemistry, and position
- Define classification schemes with sophisticated tools
- Obtain complete feature chemistry by Quant, Cameo+ and Spectrum Matching
- Re-classify existing data easily without the need for re-acquisition
- Re-use set ups with application specific recipes for enhanced productivity

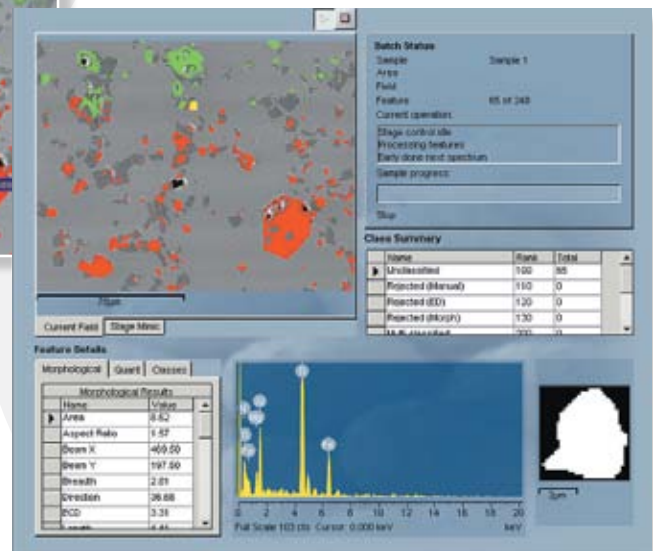
Data review

- Quick overview of data in various formats
- Features of interest easily relocated for acquiring additional data

Review Features



Batch Run



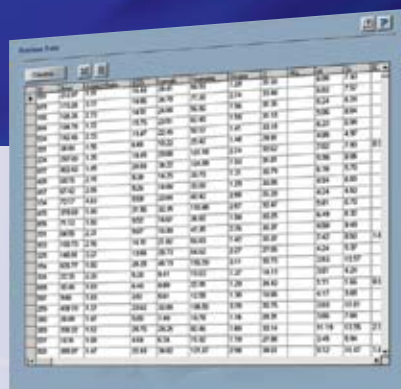
FeatureMap

- Enhanced productivity from feature analysis of saved SmartMap data
- Complete feature chemistry and morphology without re-acquisition

FEATURE

Data processing and reporting

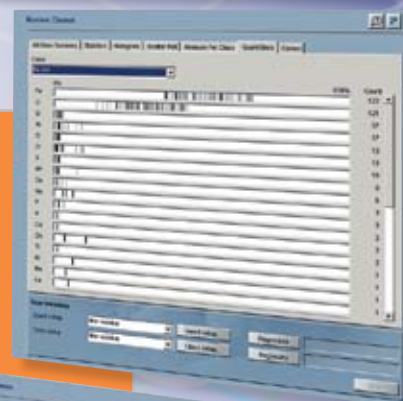
- Offline data processing to free up the microscope
- Easy reporting of data in user-selected format
- Customizable reports to fit the needs of individual applications



Sample	Area	Height	Width	Volume	Mass	Density	Temp	Pressure	Humidity
1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
1001	1000	1000	1000	1000	1000	1000	1000	1000	1000
1002	1000	1000	1000	1000	1000	1000	1000	1000	1000
1003	1000	1000	1000	1000	1000	1000	1000	1000	1000
1004	1000	1000	1000	1000	1000	1000	1000	1000	1000
1005	1000	1000	1000	1000	1000	1000	1000	1000	1000
1006	1000	1000	1000	1000	1000	1000	1000	1000	1000
1007	1000	1000	1000	1000	1000	1000	1000	1000	1000
1008	1000	1000	1000	1000	1000	1000	1000	1000	1000
1009	1000	1000	1000	1000	1000	1000	1000	1000	1000

Benefits of the INCA platform

- Navigators to guide through the analysis
- Bubble help in each step of navigators to provide instant help
- Comprehensive help encyclopedia
- Standard reporting system, and custom template editor
- Ease of data export to third party software



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