

LAS X METALLOGRAPHY TOOLBOX

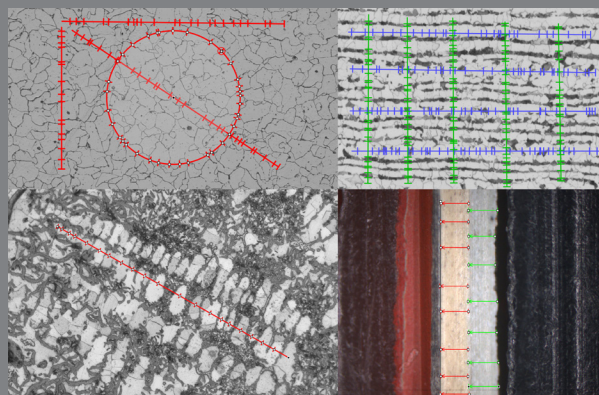
Flexible-to-use tools for stereology-based structural analysis

The Metallography Toolbox add-on enhances the capabilities of the LAS X 2D Measurement software, making it a versatile tool for stereological analysis of metallographic/metallurgical samples.

It simplifies the manual tasks involved when deriving calibration parameters from measurements, such as baseline lengths, lineal intercepts, point counting, segments of circles, or multi-layer coating thickness.

Assigning individual classes to measurements, as well as comparative analysis of the related parameters, are made possible. Thus, component or phase specific results can be generated.

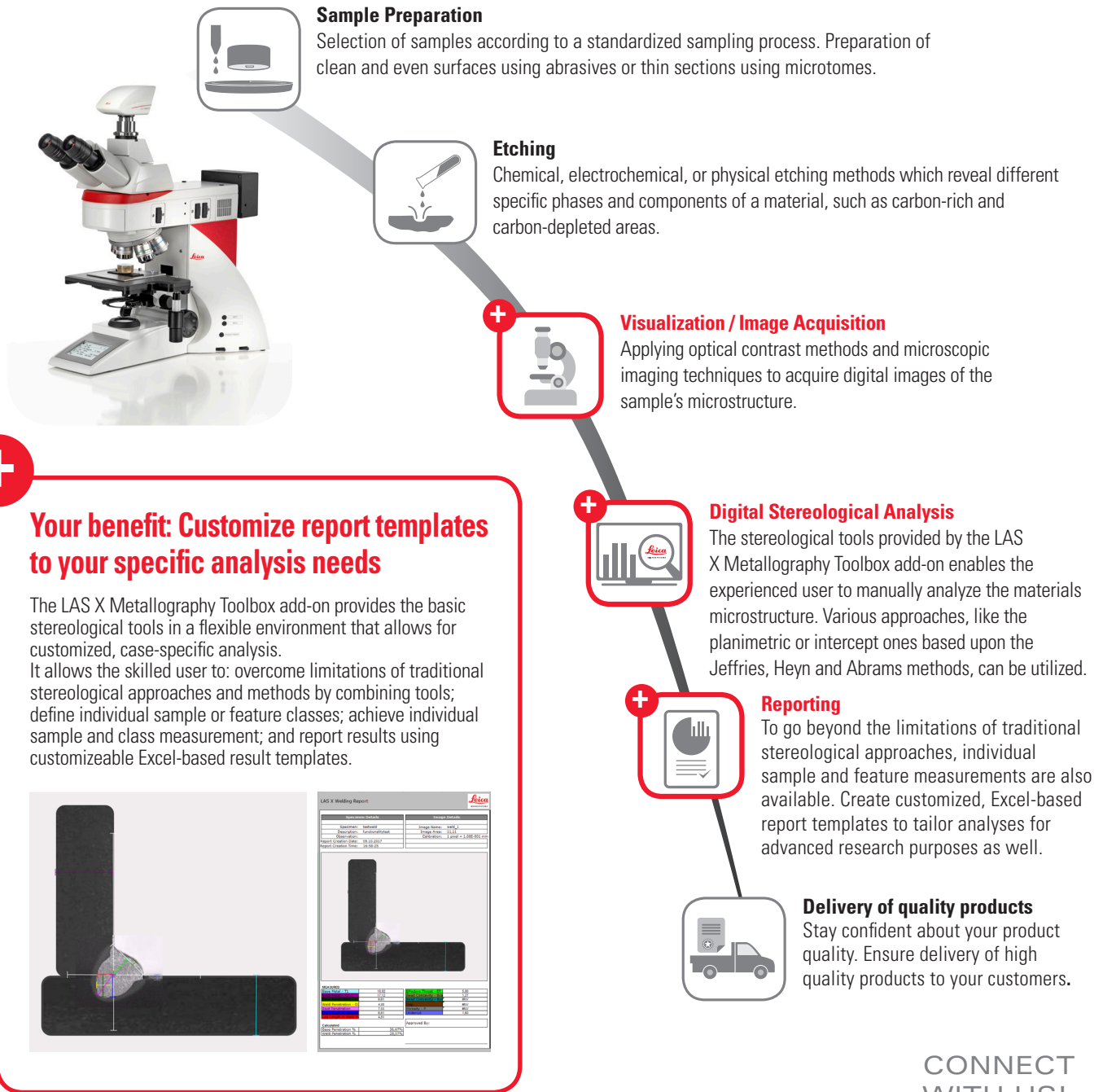
By taking advantage of the flexibility to customize the Excel-based report templates, the LAS X Metallography Toolbox software can be turned into a dedicated tool for a wide variety of applications in metallography and materials sciences. It also enables the experienced user to analyze samples according to various international standards.



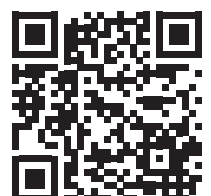
Some example cases of analysis:

- > Grain Size using Heyn or Abrams Methods
- > Multi-Layer Thickness
- > Dendrite Arm Spacing
- > Banding

Microstructure analysis by manual intercept and intersect methods



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