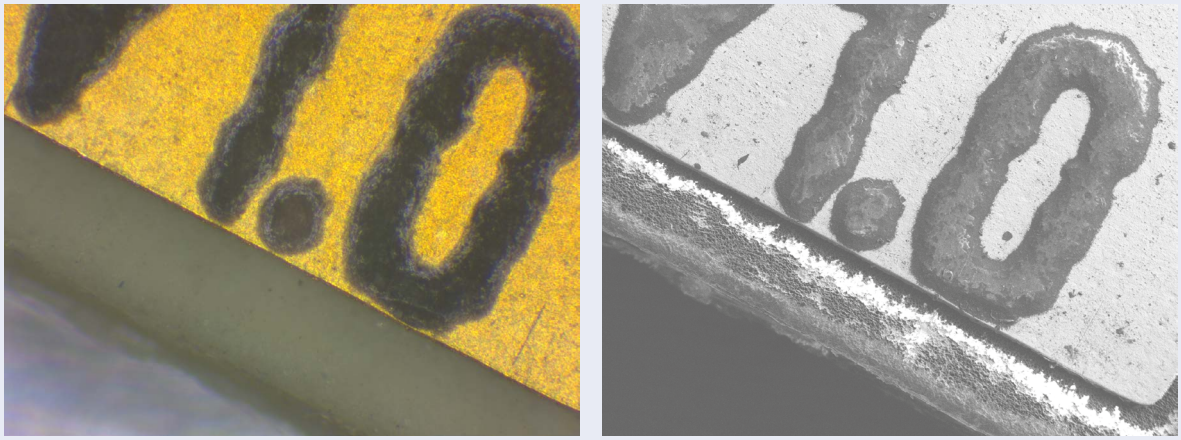
Product Sheet

SampleNav

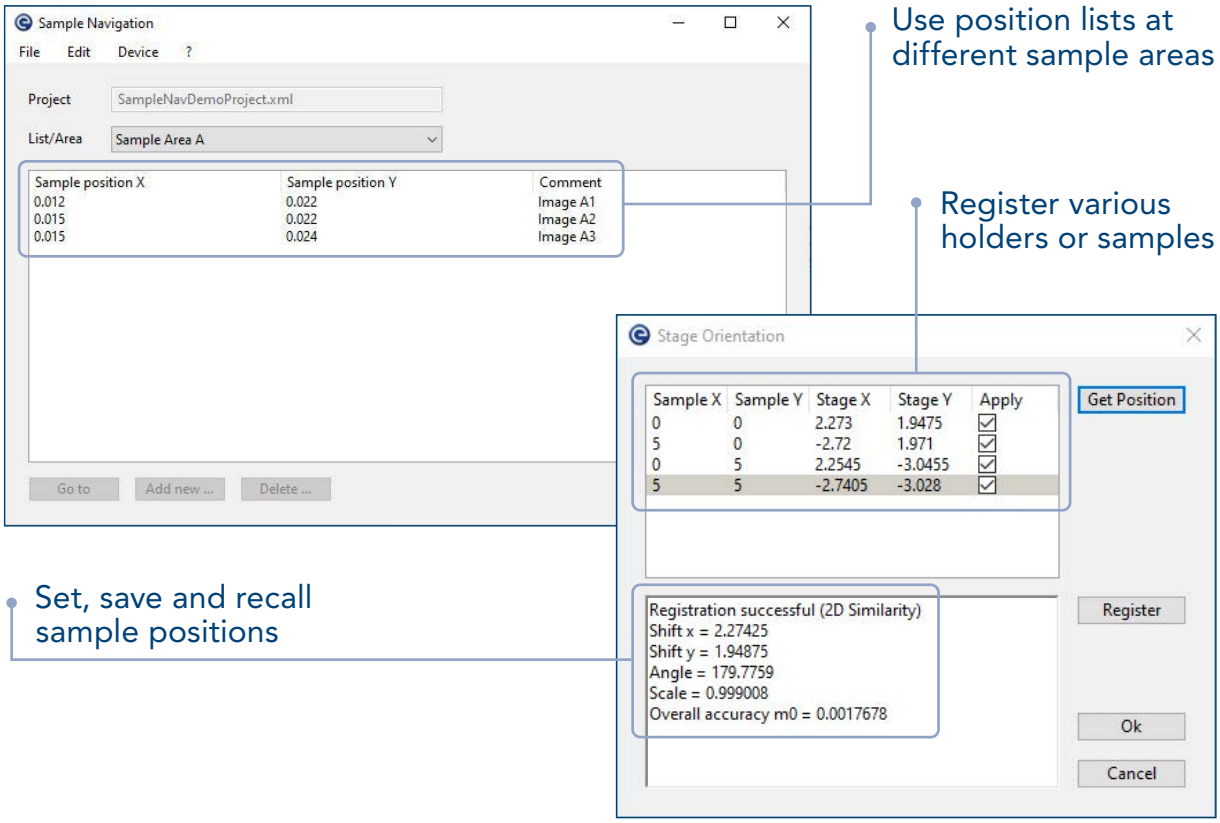
Software for automatic sample positioning in SEM



Set, save and load sample positions in SEM, between different devices or between light microscopes and electron instruments.

- Navigate to identical sample positions in different microscopes
- Save and recall defined sample positions at later time
- Save and reload all data in project files for further use
- Maintain flexibility with manufacturer independent SampleNav
- Apply compatibility with all major SEM/FIB manufacturers
- Register any holder or sample coordinate-based with at least two reference points

Sample navigation and stage orientation with a few clicks



Key specifications

- Suitable for all holders with at least two reference marks
- Applicable also with reproduceable measurable sample features
- Recommended use with four reference marks for accuracy estimation with statistical methods
- Affine approach allows for scale and shearing deviations between different microscopes
- SampleNav app for Windows 7-11
- Interface to stage control of all major SEM and FIB-SEM manufacturers with EMGateway
- Additional interfaces to further stage controls on request
- Project file contains reference information and all sample positions and areas (XML)
- File interface compatible with IMS software by Imagic

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