

Image-Pro[®] AI

for Materials

AI-Powered Image Analysis Software for Research Microscopy

Materials analytics at any scale

No matter the magnification or modality, obtain quantitative results you can trust.

Electronic Components

- ✓ Stereoscope EDF
- ✓ Stitched scans
- ✓ HDR composites

Material Cross Sections

- ✓ Reflected light
- ✓ Phase/DIC
- ✓ Polarized

Material Composition

- ✓ Widefield
- ✓ Confocal
- ✓ Transmission X-Ray

EM Material Microstructures

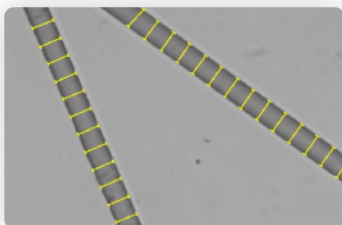
- ✓ SEM & TEM
- ✓ FIB-SEM
- ✓ Serial blockface

Efficient AI-powered analysis

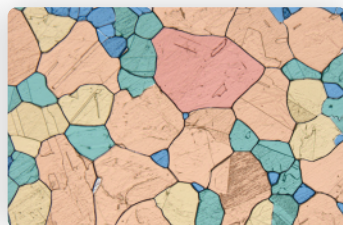
Designed specifically for analysts that need rapid, trusted results. Image-Pro organizes your analysis routines into a few easy steps and leverages pre-trained deep learning networks to segment and measure your data accurately at scale.



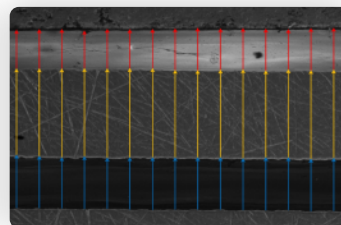
Application-specific solutions made easy



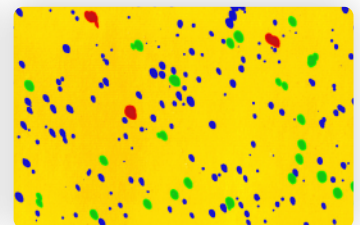
Fiber Thickness



Grain Size (ASTM E112 Segmentation Method)



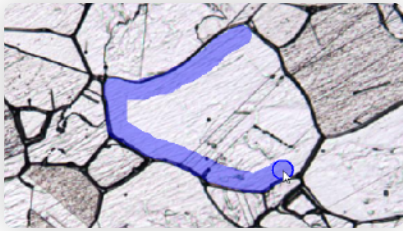
Layers: Parallel



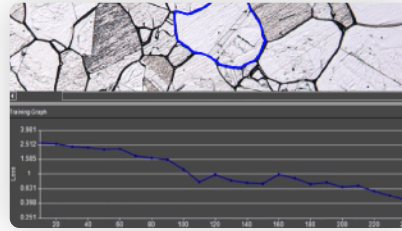
Particle Size Analysis (PSA)

Fine-tune any Pre-Trained Model for your image

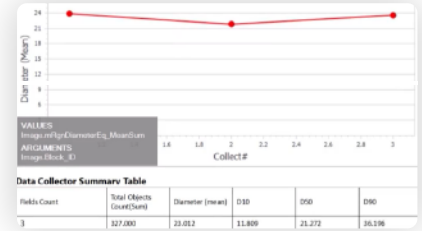
When a model misses a few objects of interest, simple "human-in-the-loop" training can be used.



Label your objects



Train a model



Report data



Superior outline accuracy

Even the most complicated edges can be traced with high quality. AI Models work similar to the human brain, finding objects undeterred by dim, complex edges.



User-friendly operation

AI Deep Learning Segmentation requires minimal input to operate efficiently. Simple controls, limited options, and fast prediction results.



Secure & confidential

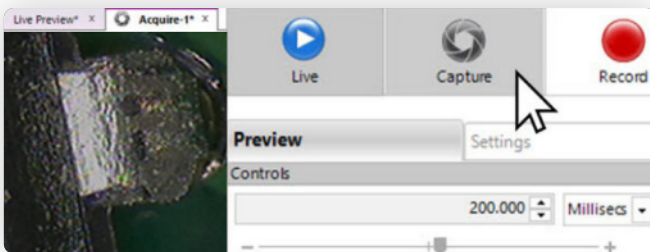
No uploading or downloading required. Save time and avoid sharing your data on unsecure company servers. All operations are on-device.



Protocol-ready

Integrate Deep Learning Segmentation accuracy into an automated workflow by saving an Analysis Protocol with a custom or pre-trained model.

Add-on functionality



2D Capture



Success Plans for Peace-of-Mind

TRUSTED BY COMPANIES AROUND THE WORLD



Honeywell



ExxonMobil



Mercedes-Benz



WestRock

Like what you see?

Schedule a demo with an imaging expert.

