

Image Analysis and Management

PAX-it™ & IA44



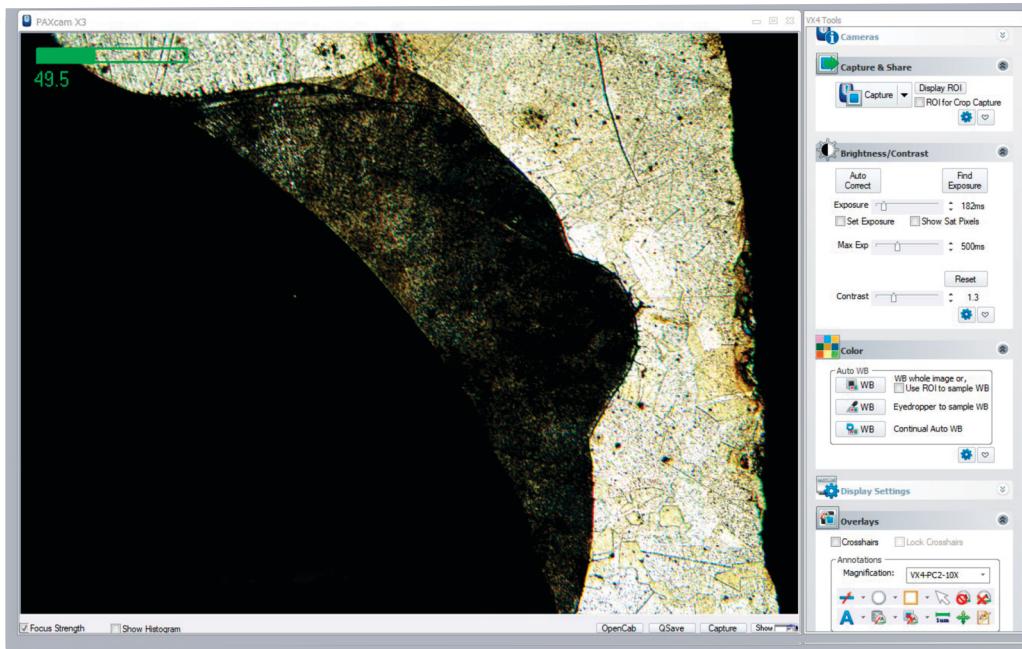
LECO
EMPOWERING RESULTS

LECO Image Analysis and Management

Microscopy in the modern era requires not only the ability to look at a sample under magnification, but also to photograph the sample, analyze it, and share the photo in a report. PAX-it and IA44 add these capabilities and more to any microscope.

Measurement & Analysis

PAX-it and IA44 software packages include a powerful array measurement capabilities, from point-to-point measurement to advanced grain size measurement. There are three levels of PAX-it to match the needs of any laboratory

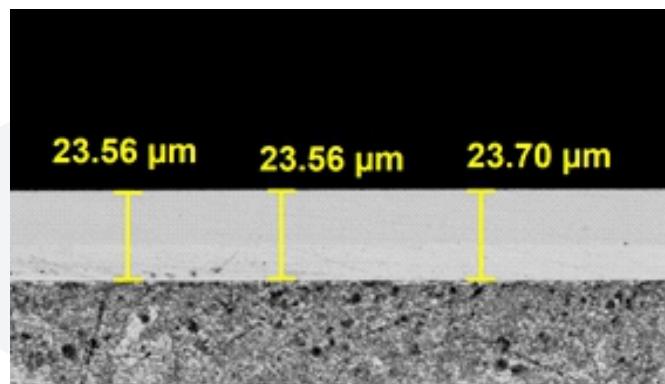
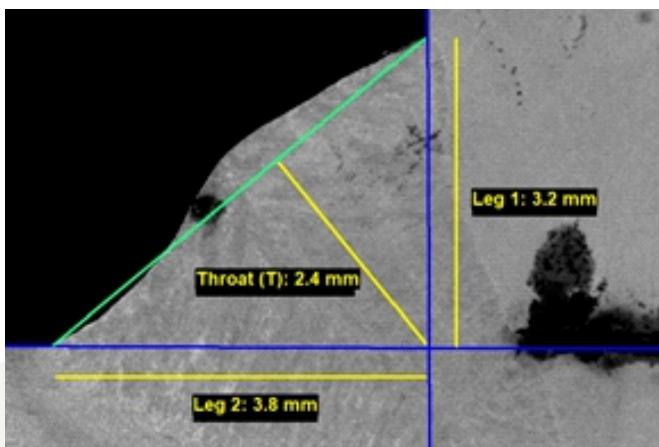


PAX-it Capture

Image capture and database management

PAX-it Basic Measurement

A complete point-to-point measurement suite perfect for analyzing coating thicknesses, welds, and more



PAX-it with IA44 Enhanced Measurement

The complete PAX-it software suite builds on the capabilities of basic measurement with modules for grain size, nodularity, pearlite/ferrite, dendrite arm spacing, and more. Each module is fully customizable to meet whatever metallographic analytical needs a laboratory may have.

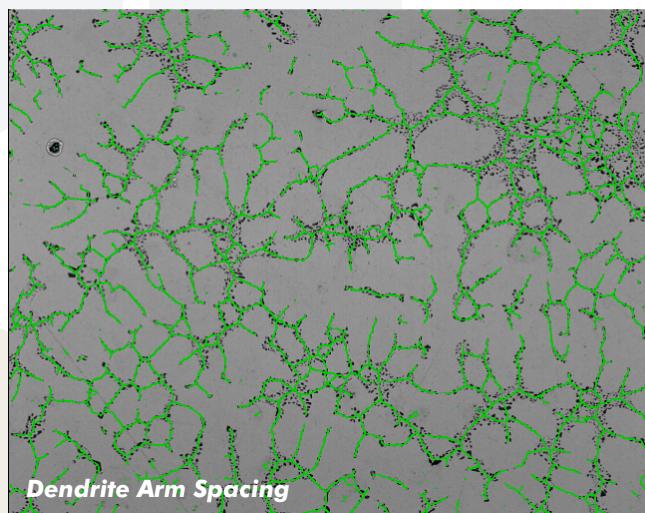
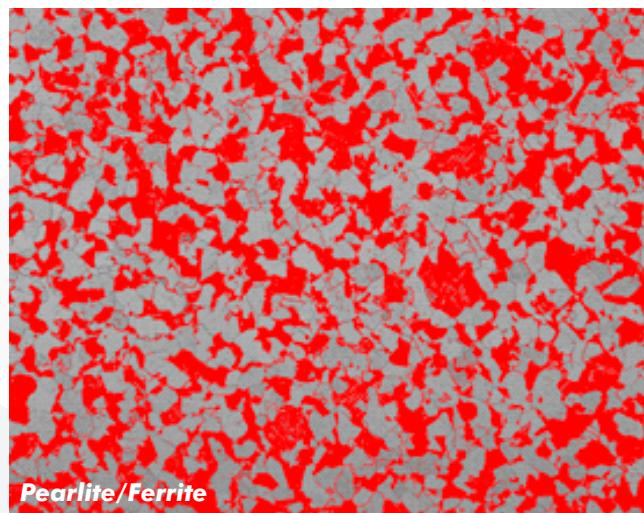
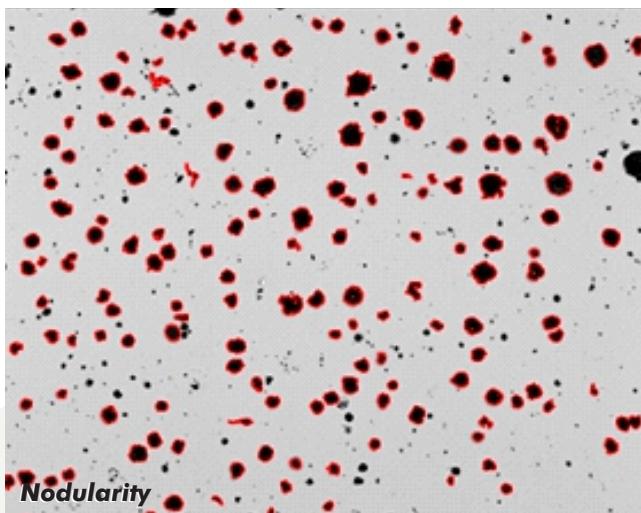
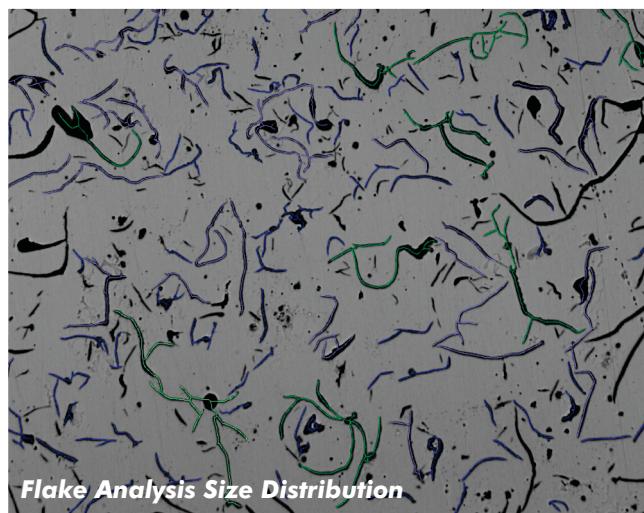
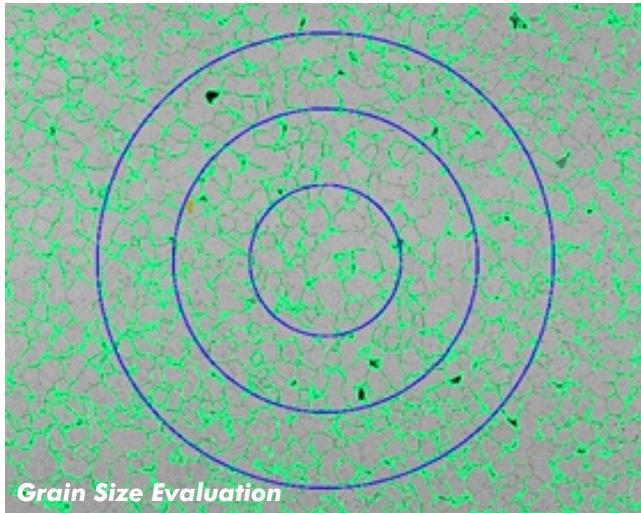
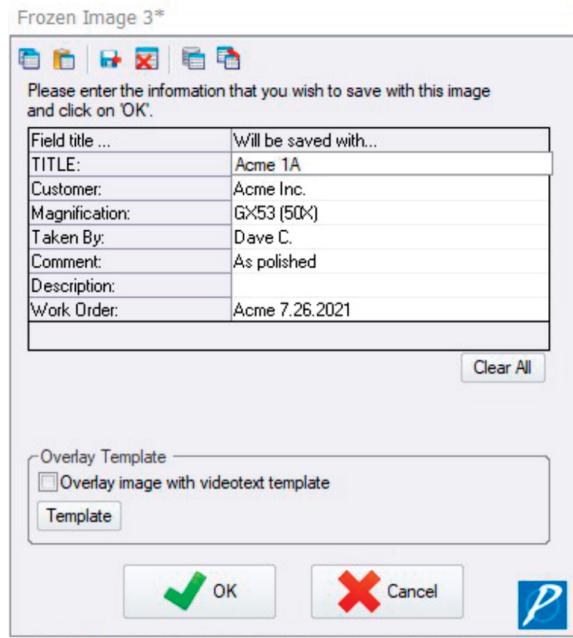


Image Capture

When paired with one of three powerful PAXcam digital cameras, PAX-it captures incredibly detailed images of any sample. PAXcams can be attached to any microscope or metallograph to take beautiful images with a click of the mouse.



Reporting

Create templates to create custom reports that pull information from images stored in the PAX-it database. Export to any spreadsheet program and email directly from within PAX-it. Network licenses allow PAX-it users to access the database from the network and remove the bottleneck at the microscope.



PAXIT
BY MIS

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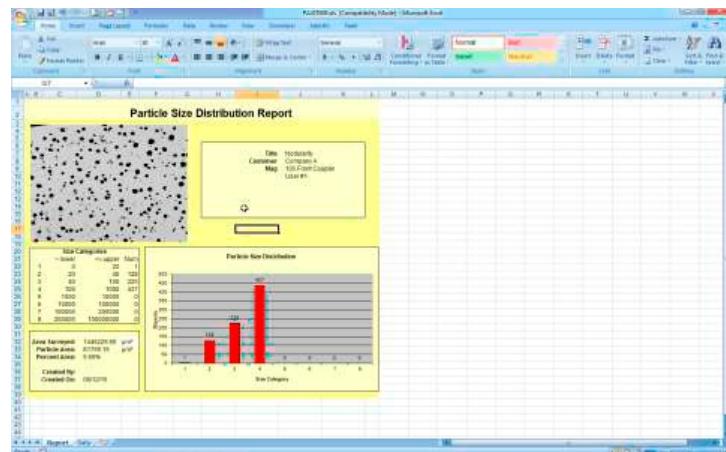
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Image & Database Management

Images captured with PAX-it can be labeled to create a complete and traceable database to track files for projects and work orders. This detailed information stored as metadata in PAX-it images and files are easily and quickly retrieved from the database.

Image Processing

PAX-it gives the user ability to stitch and fuse images and create videos of samples complete with text overlay and voice narration.



PAX-it and LECO VX4 Packages

The VX4 is a compact and practical microscope suitable for any metallurgical laboratory. When paired with a PAXcam and PAX-it software it becomes a complete solution for capturing, storing, analyzing and reporting.

LECO's VX4 + PAX-it packages are here to get any laboratory running with out-of-the box usability.

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