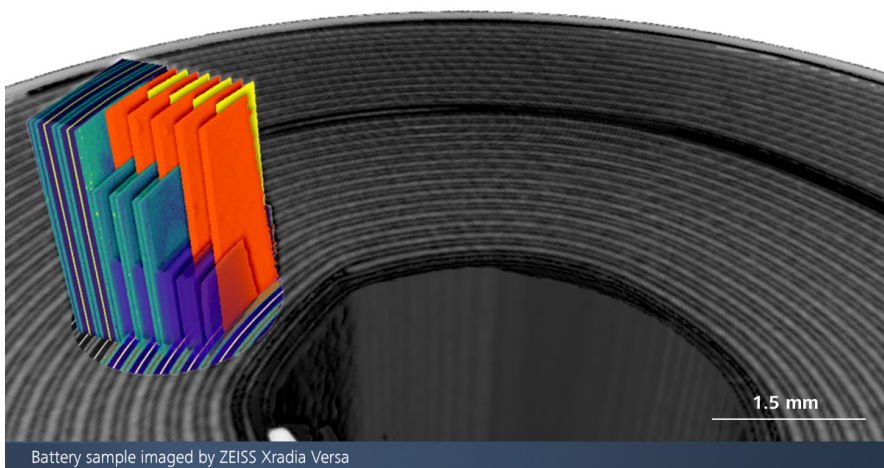# Outstanding
3D visualization with best-in-class graphics

ORS Dragonfly Pro

Explore your data in the highest definition through the Dragonfly Pro software from Object Research Systems (ORS) exclusive to Zeiss. It is designed to manage your workflow from start to finish. With its intuitive user interface, Dragonfly Pro provides you with a full-featured 3D visualization and data analysis platform. Various features such as interactive navigation, advanced segmentation tools, easy annotation and object analysis provide you with simple processes and high-quality results. Engineered to support the needs of microscopists, the upgrade supplies a common workspace for integrating multi-scale correlative microscopy, spanning cm to nm. Customize your functions, features and widgets through the programming language Python to automate your software for the highest productivity.

1.5 mm

Battery sample imaged by ZEISS Xradia Versa

Availability

The ORS Dragonfly Pro is available for the following systems:

- XRM series
- FIB-SEM series
- SEM series
- HIM series

Upgrade your ZEISS microscope

Upgrade your ZEISS microscope with Dragonfly Pro and benefit from enhanced 3D visualization and custom options.

As technical requirements may apply on some systems, please contact us to learn more about Dragonfly Pro and how your processes will benefit from an upgrade: **microscopy@zeiss.com**

Highlights

Phyton scripting
Customize data processing and visualization needs. Access to data channels within the interface creates a limitless postprocessing environment

Correlative Data Visualization
Combine multi-scale and multi-modal datasets from EM, XRM, and GrainMapper3D Diffraction Contrast Tomography. With Dragonfly Pro, file formats such as .txm and .czi can be read to allow accurate dataset registration used correlative workflows

Best-in-class graphics
Reveal key structural details and visually understand 3D spatial relationships with professional 3D graphics

User-interactive inspection
Measure distances, angles and paths and select magnifying glass for fast multi-scale visualization and inspection

Showcase your results
Capture key insights with high-resolution screenshots and visualize your results with easy-to-produce animations
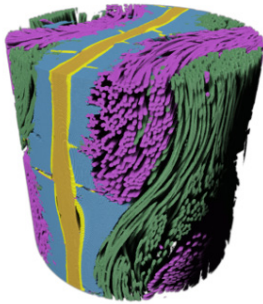
ZEISS

Seeing beyond
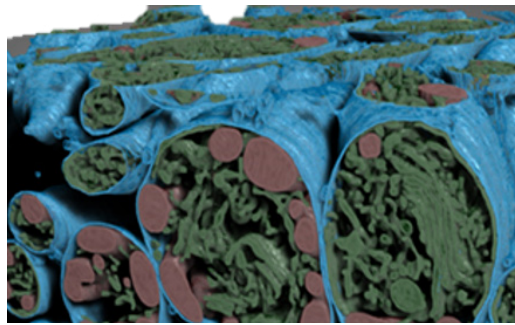
ORS Dragonfly Pro
Outstanding 3D visualization with best-in-class graphics

Deep Learning module

Optional extension to Dragonfly Pro with the power of convolutional neural networks, realized through cutting edge artificial intelligence engines to advance your image processing results to new levels.
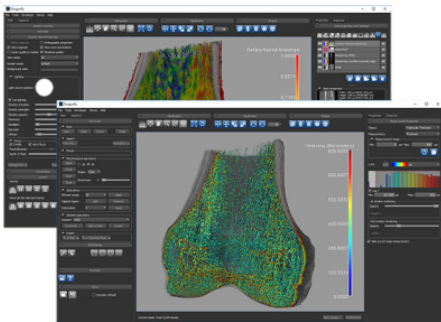

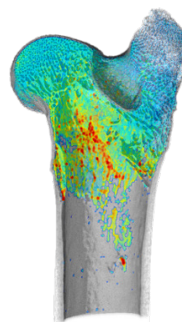*Deep Learning segmentation of polymer electrolyte fuel cell*

Deep Learning segmentation of mouse retina cell

Bone Analysis module

Optional extension to Dragonfly Pro to analyze bone micro-architectures using semi-automated workflows. Designed for evaluating high-resolution micro-CT image data, the Bone Analysis Module provides 3D vector-based mappings of anisotropy magnitude and directionality and 3D scalar-based mappings of volume fraction.

Deep Learning segmentation of polymer electrolyte fuel cell

Volume thickness map of trabeculae

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www.zeiss.com/microscopy