

Phenom-World

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Phenom-World is a worldwide market leader in desktop Scanning Electron Microscopes (SEM). With our Phenom SEM's we help our customers to stay competitive in a world where critical dimensions are continuously getting smaller. All Phenom desktop systems give direct access to the high-resolution and high-quality imaging and analysis required in a large variety of applications.

- **Phenom XL**—The only desktop SEM with a 100mm x 100mm sample size and scanning area.
- **Phenom ProX**—The ultimate all-in-one high resolution imaging and X-ray analysis system.
- **Phenom Pro**—The high-end desktop SEM with superb imaging power for all markets and applications.
- **Delphi microscope**—The world's first fully integrated SEM and fluorescence microscope.
- **Automated Software Applications**—Automated and market-specific software solutions enable Phenom users to extract maximum information from images made with the Phenom desktop SEM.
- **Optimized Sample Holders**—Phenom sample holders are designed for optimizing the sample acceptance and loading speed and guarantee the fastest time to image in the market.

The Phenom electron microscope is the ideal tool for investigating any sample and analyzing the sample composition in a short span of time. With little sample preparation needed and the incredibly short time to image, the use of the Phenom desktop SEM improves the efficiency and effectiveness of quality control and production process within high level organizations all over the world.

The EDS-system for elemental analysis is fully embedded in the Phenom. Both hardware and software are fully integrated in one package.

Phenom is known for its ease-of-use, speed and reliability.

Phenom highlights

- 100,000x magnification
- 17nm resolution
- Fully integrated EDS Elemental Analysis
- Scan area up to 100 mm x 100 mm
- Instant optical imaging after loading the sample and electron imaging in 30 seconds
- Never-lost navigation thanks to an optical color imaging camera
- Highly intuitive user interface
- Unique and robust sample loading mechanism



How to find us

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