

COXEM CO., LTD

COXEM is a market-leading manufacturer of Scanning Electron Microscopes. We offer both bench-top SEM and console or full-size SEM with various optional features such as STEM and Cold Stage. COXEM has recently expanded its product line by providing a large area particle analyzer, SELPA.

COXEM is dedicated to serving all customers in a wide range of scientific fields with its high-quality products and optimized solutions.

- **EM-30^N (Scanning Electron Microscope)**

The EM-30^N is the most powerful model of tungsten filament base Table-Top SEM in COXEM. Thanks to newly adopted DSP (Digital Signal Process) technology it provides clear, low noise images at high magnification. The EM-30^N also features our new Panorama mode (Pano2.0), providing simple imaging of large areas at high magnification. Full compatibility with market leading EDS suppliers delivers optimized performance.

- **EM-30^C (Scanning Electron Microscope)**

The EM-30^C is an advanced tabletop SEM which uses a CeB6 (Cerium Hexaboride) electron gun source, providing 10 x higher brightness and longer cathode life compared to a tungsten filament. This allows the EM-30^C to provide quality results and analysis in a variety of applications in research and industrial quality control. Now you can experience 10 times brighter and clearer images with EM-30^C

- **SELPA (Scanning Electron Particle Analyzer)**

SELPA is an automated large area particle analyzer based on SEM and EDS. Not only can the SELPA detect micro-particles on large areas (max. 100 x 100mm), but it also classifies the particles by their various size and elements according to the data base. By automating these features in a compact, easy-to-use package, SELPA can provide analysis solutions for in many industrial fields such as cleanliness, steel inclusion, GSR, mineral analysis, asbestos, etc.

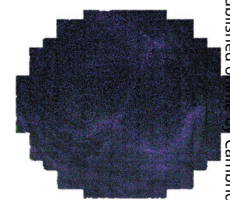
- **CP-8000 (Ion Beam Cross-section Polisher)**

CP-8000 is an Ion milling system which uses an Argon Ion beam to polish a variety of difficult to prepare samples without crushing, cracking, fatigue failure, shear fracture or any chemical damages. The CP-8000 is also an ideal tool for sample preparation to analyze cross-sections. With its ability to prepare larger sample areas than FIB, the CP-8000 provides fast and efficient sample preparation at an affordable price.

As one of the fastest growing electron microscope brands, COXEM microscopes can be found all over the world in hundreds of global universities, labs, government research centers and industrial companies.

COXEM is based in South Korea with distributors located world-wide. To contact our North American representative, please call Element Pi at 833-314-1593 or e-mail at info@elementpi.com

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