

What does ei stand for?

FEI's Mini Vogel Mount, the first universally compatible long-life, high-stability LaB₆ cathode, provides excellent performance and the best cost-per-use value for installation into your EM systems.



Two-Lens Focusing Column

Our compact, UHV, field emission columns are used by researchers worldwide. Innovative electrostatic optics and dedicated electronics allow you to integrate a high current density electron or ion column into most vacuum systems. FEI also supplies researchers with other specialized products.



New Components Facilities

Dedicated FEI Components Group facilities enabling new technology development through key investments in R&D and manufacturing.



Schottky Field Emission Cathodes

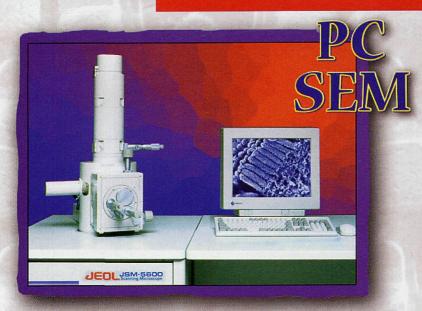
FEI supplies Schottky field emitters to EM manufacturers worldwide. Schottky emission's high current intensity has established it as the preferred electron source for high resolution SEM, TEM, Auger, ESCA, EDX, and lithography.



FEI Company 7425 NW Evergreen Parkway Hillsboro, Oregon 97124-5845 (503) 844-2520 Fax (503) 640-7509 components E-mail: components@feico.com Internet: http://www.feicomponents.com

Now, when you think of FEI Components, you'll know we are the Specialists in *Field Electron* and *Ion* Technology.

You Can Afford This!



That's right, you can get the quality of a JEOL SEM now for under \$80,000!

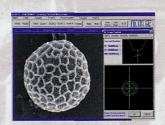
If leasing this means around \$1,500 per month.

JSM-5600 & JSM-5600LV

Multi-Purpose and Low Vacuum Scanning Electron Microscope









All screens are clear and simple allowing easy system management and image optimization.

- Based on a Simple PC Interface.
- Intuitive Operation with a Mouse Alone.
- No Nonsense Transition Between Conventional and Low Vacuum Modes.
- Built-in DTP System Allows Quick and Easy Report Generation and Printing.
- ► A Special High Sensitivity Detector Allows High Image Quality In All Modes.

The new JSM-5600 and JSM-5600LV Scanning Electron Microscope was designed from the ground up as a PC SEM. This means that it can be controlled completely and efficiently from only the keyboard

and mouse. Keeping in mind the wide variety of preferences for controlling various aspects of an SEM we have also included an optional knobset for multitasking and fine control. You choose.

If you are currently in the market for a high end conventional or low vacuum SEM and need to combine state-of-the-art electronics with the versatility of computer control, we would like to invite you to come to our Applications Facility so that we can prove to you that it really is "As Easy As It Looks".

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