

LaBs Cathodes

What does **e** stand for?

FEI's Mini Vogel Mount was the *first* true long-life, high stability LaB6 cathode for all electron beam instruments. The MVM is the economical *emitter* choice, providing consistent high quality performance and the best cost-per-use value. FEI is the *innovator* in the application of field emission technology...



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.



FIB Workstations

Focused ion beam micromilling workstations range from the 8"-wafer compatible model to the economical 2" small sample model ideal for semiconductor, biological, TEM, and MEMS specimens.



UHV Electron and Ion Columns FEI's high current density, UHV field emission focusing columns easily install on existing SIMS, Auger, and SEM instruments.



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

The Best Price Available
The Performance Available
The

The New, Versatile

AMRAY 1910 FE

Field Emission Scanning Electron Microscope

The Ideal System for High Resolution Analysis . . . Combines Sample Flexibility with Ease of Operation

- Attractive price-significantly lower in cost than comparable field emission SEMs... with no compromise in performance
- Superior resolution-1.5nm at 30kV
- Unique, patented Schottky field emission gun-providing outstanding beam stability and requiring little maintenance
- Large specimen chamber with 4" motion specimen stage

- Complete computer control and image archiving available
- · Energy dispersive X-ray compatible

For full information, contact

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