

## NEW PRODUCT NEWS

### PC-Based Image/X-ray Analyzer Exclusively for SEMs

AutoSEM 1 is a PC based image analyzer and x-ray analyzer for an SEM capable of particle/feature size, shape and x-ray analysis for thousands of features, live/interactively or automatically without operator attendance. It provides complete image/x-ray analysis reports including statistics in standard spread sheet format; digital color coded x-ray maps based on composition rather than single element; digital high resolution imaging, image enhancement, image archiving, and inexpensive photo quality printed images. You can have an integrated SEM/image/x-ray analytical instrument with greater performance, ease of use, and better results. AutoSEM 1 can be used on new SEMs or is an ideal upgrade for your existing SEM.

Advanced Research Instruments Corporation  
2434 30th Street, Boulder, CO 80301  
(303)449-2288, Fax: (303)449-9376  
**Circle Reader Inquiry #40**

to enhance instrument performance; material alteration to improve operational characteristics; complete design and production of new filament assemblies. Exclusive features of Energy Beam Sciences filament assemblies include: minimum tip radii for coherent beam; precise dimensioning; rigid attachment of filament wire to posts; calibrated vacuum annealing. Energy Beam Sciences can meet unique customer requirements through the use of advanced technology, creative engineering and cost-effective design.

Energy Beam Sciences  
PO Box 468, Agawam, MA 01001  
(413)786-9322, Fax: (413)789-2786  
**Circle Reader Inquiry #41**

### Prototype Filament Development

Filament assemblies built by Energy Beam Sciences have been the standard of the electron beam industry for more than 20 years. Energy Beam Sciences filament assemblies employ the most recent advances in ceramic and metallurgical technologies, enhancing instrument capabilities by providing a minute, intense, coherent beam emission that improves precision, performance and lifetime.

In addition to a wide range of standard filament assemblies, Energy Beam Sciences can provide complete product evaluation, engineering and manufacturing to customers with unique design requirements. Its engineering staff is supported by a complete machine shop, as well as electrical and metallurgical laboratories.

A filament design project might include: modification of existing components

### USED EQUIPMENT FOR SALE

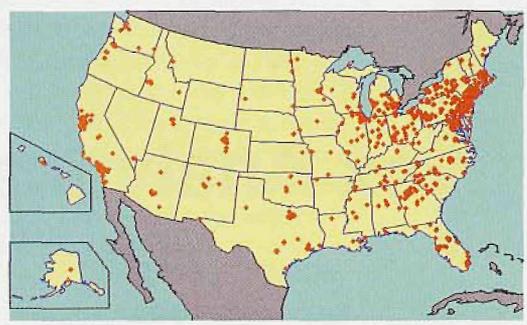
- ☎ **ISI IIIA SEM and an ISI 100B SEM.** Both are in good condition. Asking \$9,800 each. Cleaner Image: (908)359-5060
- ☎ **EDAX PV9900 Analyzer.** A working EDAX detector (30 sq. mm) also available. Best offer. Tel.: (203)389-6065, eMail: ayerr@aol.com
- ☎ **MILITARY RESEARCH LAB IS CLOSING** - Military contractor is selling at drastically reduced prices its Reichart Polycut S motorized sliding microtome, refrigerated and rotary microtomes, Sorvall ultramicrotome, Gatan Model 600 dual ion mill. Fisher embedding center, stereo microscopes, Perkin Elmer microdensitometer and LECO sulfur analyzer. For specification sheets, call: (202)544-0836.



## Affordable Rates Available for

- On Demand Emergency Service
- Managed Care Service Agreements
- Preventative Maintenance
- Upgrades
- Calibration
- EDS & SEM Training
- by Factory Trained and Certified Specialists

### Engineers Located Nationwide



# Evex Analytical Service

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