

## NEW PRODUCT NEWS

### PLASMA CLEANER FOR TEM HOLDERS

An innovative instrument has been developed which allows simultaneous cleaning of a specimen and a specimen stage which minimizes and, in some cases eliminates, contamination of inorganic specimens analyzed via SEM, TEM, STEM and AEM. The technology, under license from Argonne National Laboratory, involves subjecting the specimen and the specimen stage to a reactive plasma gas which efficiently removes a wide range of contaminants from critical surfaces. The PC150 Plasma Cleaner, produced by South Bay Technology Inc., allows the user to insert any side entry or top entry holder into the RF plasma chamber for processing. For more information, visit the South Bay Technology web site: [www.southbaytech.com](http://www.southbaytech.com)

Circle Reader Inquiry #40

### Microanalysis Product Improvements

KeveX has introduced QUANTIFIER, a NEW detector, providing higher performance due to a new crystal/FET pairing process. The linearity, resolution and throughput have been improved, providing greater light element sensitivity. The KeveX Quantifier detector is supplemented by the NEW Digital Pulse Processor (DPP), providing enhanced performance as resolution is maintained during high throughput spectral acquisitions. The latest software automation tools are the KeveX Digital Multipoint Analysis (DMA) and Automated Image Analysis (AIA<sup>2</sup>), which significantly enhanced the SIGMA Microanalyzer. These capabilities provide ease of use and increased throughput for a wide range of applications.

Circle Reader Inquiry #41

### Laser Alignment Sample System

The Laser Alignment Sample System (L.A.S.S.) is designed as an aid to pre-align specific areas on a sample; before closing the door. A battery powered laser simulates the "x-y" position of the electron beam on the sample. With the addition of a beam splitter, the "z" axis can also be included.

The L.A.S.S. (Patent Pending) is available for any SEM or similar instrument. OEM licensing is also be offered. L.A.S.S. will be on display at Booth #1110 at the MSA Conference or additional information may be obtained from M.E. Taylor Engineering, Inc. at phone: (301)774-6246 or fax: (301)774-6711.

Circle Reader Inquiry #42

### USED EQUIPMENT FOR SALE

**CAMECA IMS 4f, Ion Microanalyzer:** Currently in Fortune 500 R&D Lab. Mind condition. Instrument no longer satisfies changing Corporate R&D mission. Hessler Technical Services: Phone/Fax: (203)358-0266.

**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.

## ANALOG/DIGITAL PRINTERS



### Seikosha Video Printers

- 256 Grey Levels
- 10 MHz - 135 MHz
- 5¢ - 19¢ - 40¢ Hardcopies
- 3 x 4, 8 1/2 x 8 or 8 1/2 x 11 Formats



### Mitsubishi Printers

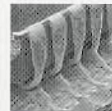
- Dye-Sublimation Printers
- Analog/Digital Input
- 16.7 Million Colors
- 4 x 4 thru 12 x 18 Format
- Thermal Greyscale Printers



### Tektronix Printers

- Dye-Sublimation Printers
- Digital/Postscript Input
- 16.7 Million Colors
- 8 1/2 x 11 Thru 8 1/2 x 14
- TCP/IP and Ethertalk

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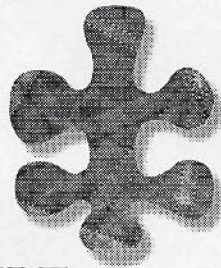
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## ANOTHER PIECE OF THE PUZZLE



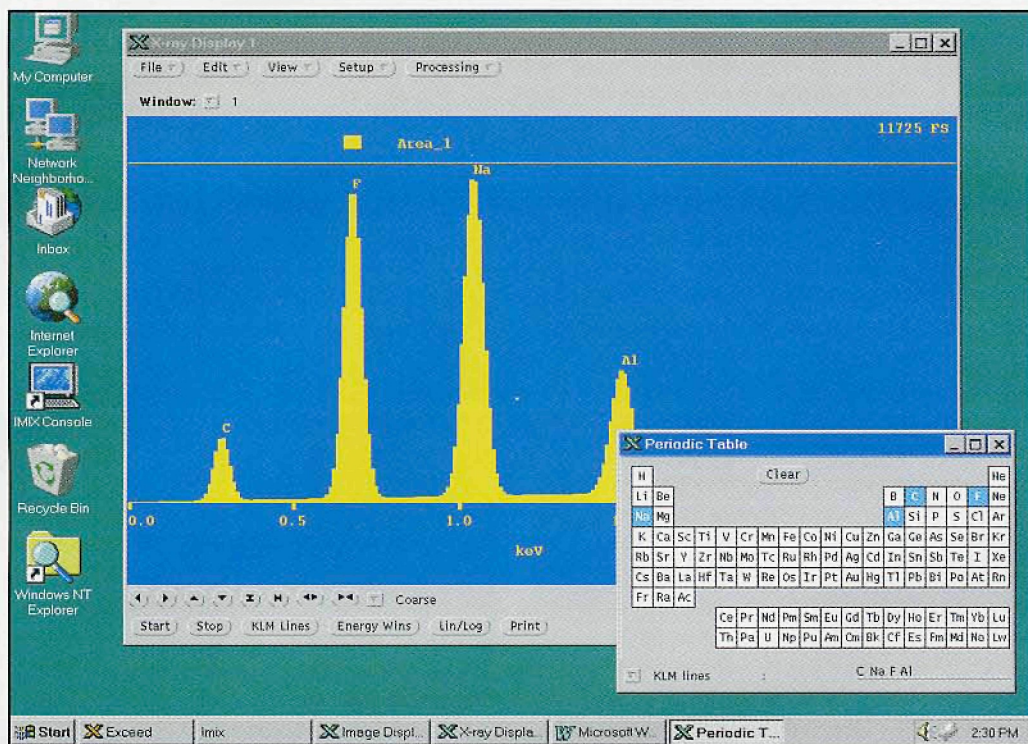
If you use an analytical SEM in your materials research then it's probable that your system comprises SEM/EDX/WDX/BSE which provides both surface & chemical information. EBSP (crystallographic mapping) can provide a further level of important information including characterization of grain orientation boundaries and the relationship between texture and micro structure. Please call, fax or E-mail for our information package.



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# Take Another Look



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