

## NEW PRODUCT NEWS

With this issue of the newsletter, we are starting a revised feature - a section where manufacturers and suppliers can present "new" or "interesting" developments or products - timely and at very reasonable costs:

- Text: \$50 plus 1 dollar per word.

- Camera-Ready Copy: \$50 plus \$50 per vertical column inch

• **LOW MAGNIFICATION FOR ELECTROSCAN ESEMS.** ESEMs cannot go to low magnification without using a large bore "bullet." That means vacuum will degrade at about 3 Torr for a 2 mm bullet.

A new low magnification device (LMD), patent pending, overcomes the restrictions of the standard "bullet." It has up to a 6 mm opening at the exit point of the electron beam to allow a wide scan area. Vacuum is not degraded due to an additional pressure control aperture. The standard model allows less than 30X at 30 kV. At 15 kV, magnifications as low as 15X are achieved. Vacuum will not fail even at 10 torr. Models allowing up to 20 Torr have been made. The upper limit on magnification is currently 10,000 to 20,000X. The LMD works with any detector arrangement (ESD, BSE, EDS, etc.) and includes gold plated replacement bullet, platinum aperture, collectors, tools and instructions.

For further information, contact M.E. Taylor Engineering, Inc.: (301)774-6246, Fax: (301)774-6711. Circle Reader Inquiry #24

• Nicolet Instrument Corporation introduces the new InspectIR™ FT-IR Microsampling and Video Imaging Accessory coupled with their Impact 400 Series Spectrometers as the most versatile and affordable FT-IR Microanalysis System available today. The InspectIR / Impact 400 combination provides reliable performance and excellent signal-to-noise (SNR) along with unsurpassed flexibility, sampling versatility and cost effectiveness. This system is ideal for use in analytical and QC laboratories for fast and accurate analysis of all types of routine samples - small and large. For more information, contact Nicolet at (800)232-1472, eMail: nicinfo@nicolet.com. Circle Reader Inquiry #25

• Digital Instruments has announced a new "breed" of AFM - the Dimension 7000 AutoWafer™ AFM. The Dimension 7000 is now available with cassette-to-cassette wafer handling, Class 1 clean room compatibility, and automated test sequencing - yet still maintains sub-angstrom noise performance in clean room environments for three-dimensional depth/width, roughness, planarization, grain size, defect and other measurements. Digital Instruments: (805)899-3380, Fax: (805)899-3392. Circle Reader Inquiry #26

• Carl Zeiss, Inc. is now the exclusive North American distributor for Cell Robotics' LaserTweezers™, LaserScissors™ and related products. Carl Zeiss: (800)233-2343, Fax: (914)681-7446. Circle Reader Inquiry #27

### EMPLOYMENT OPPORTUNITIES

✓ **Metallurgical Engineer** - Five years minimum experience in ferrous metallography, including extensive SEM/EDX expertise. Contact Rockwell Automotive, 2135 W. Maple, Troy MI 48084. Attention: David Donegan

### USED EQUIPMENT FOR SALE

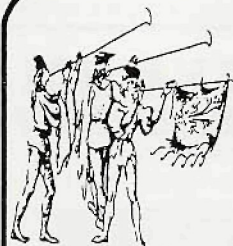
✓ **JEOL 1200exII Conventional TEM** (straight TEM with no add-ons). This instrument is less than five years old, has been under service contract the entire time, and is in mint condition. It has had limited users and all were closely supervised. As a result, this machine has had no down time: For more information, call Larry Hawkey (919)681-6425 or eMail [hawkey@neuro.duke.edu](mailto:hawkey@neuro.duke.edu)

✓ **Incident-Light Microscope Interferometer** for the LEITZ ORTHOPLAN. Call Steve Turney at (314)362-2514 or eMail to [turney\\_s@nmj.wustl.edu](mailto:turney_s@nmj.wustl.edu) or write to Washington University, Campus Box 8108, St. Louis, MO 63110.

✓ **Demo/refurbished & New Polaroid film recorders, Kodak, HP, Fargo printers, and other peripherals.** Call (800)899-7979 for latest listing. Carlick Imaging Products.

✓ **MILITARY RESEARCH LAB IS CLOSING** - Military contractor is selling at drastically reduced prices its Sorvall ultramicrotome, refrigerated and benchtop microtomes, sliding microtome, Tissue Tech embedding center, stereo microscopes, Joyce Loebel microdensitometer and LECO sulfur analyzer. For specification sheets call: (202)544-0836.

✓ **JEOL 100C with Kevex 7000 Spectrometer.** Also Philips/EDAX 9100/60 X-ray microscope spectrometer. Must Sell! Best Offer! (601)264-9760



## INTER/MICRO-95

sponsored by  
**McCrone Research Institute**  
 July 10-13 1995  
 Knickerbocker Hotel

This four-day symposium will give you the opportunity to come up-to-date on new instruments for, new techniques in, and new applications of microscopy. Besides a general session, a history section, environmental update, forensic and pharmaceutical microscopy will be covered.

All of this plus an exhibit of the newest microscopical instrumentation.

*Detailed information can be obtained from:*

Nancy Daerr, McCrone Research Institute  
 2820 S. Michigan Avenue, Chicago, IL 60616-3292

Phone: 312/842-7100

FAX: 312/842-1078

**DON'T MISS INTER/MICRO-95**