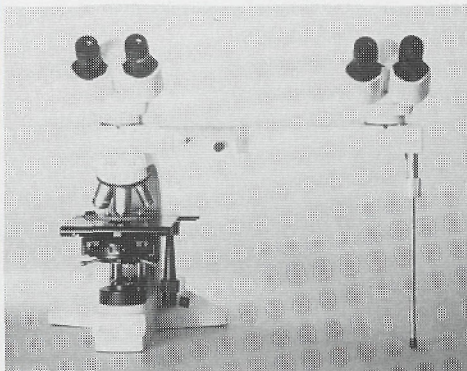


NEW PRODUCT NEWS

The Leica DM L For Dual And Multiple Viewing



Leica offers a variety of dual and multiple viewing solutions for use on the compact Leica DM LS and versatile Leica DM LB laboratory microscope systems.

The advanced ergonomic design of the DM LS makes teaching and consultation an easy task. Dedicated dual view bridges for face-to-face orientation allow either microscope stand to easily fit on the return of the desk. For laboratory bench situations or any time the operators must be on the same side of the microscope, the side-by-side bridge offers an alternate solution. Both configurations are equipped with a dual colored orange or green pointer. Image orientation is assured in every viewing station. The modular multiple viewing system allows growth from 3 to as many as 10 viewing stations. Many configurations are available to accommodate room size and shape. The complete range of Leica infinity optics, the convenience of many contrast methods, and dual and multiple viewing capabilities make the Leica DM LS and LB suitable for all laboratory applications.

Circle Reader Inquiry #40

✕ Hitachi Scientific Instruments demonstrated the following instruments at the MSA Conference, all running through Windows® 95:

1. S-3500N Variable Pressure PC-SEM with the new ESED (Environmental Secondary Electron Detector) feature. ESED technology provides Hitachi S-3000 Series VP-SEM users with four operational modes: High vacuum SED, High vacuum BSED, VP-BSED, and VP-SED. In addition, EDS integration using Hi-mouse was available
2. S-4700 Field Emission PC-SEM featuring automated column conditions, 5-axis motor-driven stage, complete computer control, and 1.5 nm resolution specification.
3. H-7500 PC-TEM, a 120 kV TEM exhibiting the highest contrast in its class

All three Windows®-based systems were networked in the booth and connected to PCI, an image management system designed specifically for microscopy/scientific purposes. Four remote PCs were set up for customers to access their images using the intranet/intranet browser feature of PCI. Post processing (*i.e.*, histogram adjustment, pseudo-color, filtering), measurement, and annotation functions of PCI allowed customers to adjust the images before final printout of the SEM or TEM images. Nissei Sangyo America, Ltd./Hitachi Scientific Instruments: (800)227-8877

Circle Reader Inquiry #41

FEI Company Introduces New Electron Microscope

FEI Company introduced the new Philips XL30 ESEM scanning electron microscope recently at the ICEM Conference in Cancun, Mexico. The microscope uses only mains electricity and comes with a new dual detector for both SE and BS imaging. Like other ESEM instruments, the new instrument operates at pressures well above 10 Torr to enable imaging of hydrated specimens in a water vapor environment.

Also shown was the FEI FIB 200TEM, a focused ion beam system for specimen preparation, providing intuitive individual specimen thinning and automated multi-specimen preparation. The FIB 200TEM provides capabilities for IC device edit, failure analysis and defect characterization.

Two manufacturers of advanced detection and analysis systems demonstrated their equipment using Philips electron microscopes. The Soft Imaging System GmbH (SIS) stand featured the Philips EM208S transmission electron microscope, fitted with a CCD camera. EDAX International demonstrated the full potential of the company's x-ray detectors and analysis systems, using a Philips XL30TMP scanning electron microscope.

FEI Company: <http://www.feic.com>

Circle Reader Inquiry #42

New VANTAGE Digital Systems for Windows NT® Open the Digital Frontier in X-ray Microanalysis

NORAN Instruments announces its new VANTAGE™ Digital Microanalysis Systems. The powerful features, reliability, and accuracy for which NORAN Instruments products are famous are not extended to these new Windows NT-based, fully digital microanalyzers. VANTAGE brings power and ease of use to a wide range of applications.

All digital technology on VANTAGE raises micro-analytical speed, data accuracy, and instrument control to new levels. The VANTAGE Digital Acquisition Engine (DAE) and Windows NT workstation are packed with pioneering digital power for fast acquisition of high-resolution spectra, x-ray linescans and maps, and electron images.

NORAN Instruments: (608)831-6511, <http://www.noran.com>

Circle Reader Inquiry #43

EMPLOYMENT OPPORTUNITIES

➔ **Post Doc Positions:** High resolution *in situ* microscopy. Corrosion, advanced battery, electrochemistry, polymer, materials science, biology-SPM. Several locations: U.S., Japan, Europe. <http://www.molec.com/jobs/postdoc.html>

EMPLOYMENT WANTED

Surface Scientist / Microscopist, Ph.D. Inorganic/Physical, Pharmaceutical/Biotech. SEM, TEM, light microscopy, image analysis, surface/colloid science, particle analysis, Raman, SERS, FTIR. Strong communication skills. Supervisory experience. Willing to travel. (315)769-1833, ramdmc@northnet.org

USED EQUIPMENT FOR SALE

☎ **AMRAY 1000**, includes extra parts, filaments, Edwards 8 vacuum pump and Keithley #427 current amplifier: \$3,000. And a **Sony 8.5x11 Dye-Sub Printer UP-7000**, SCSI and Centronics input: \$2,500. For more info call: (330)940-3200.

☎ **Sorvall MT-2B, MT-2, MT-1 ultramicrotomes, GKM Glass Knife Maker, JB-4 microtome**, each complete with accessories and warranty. Reconditioned by factory trained rep. For prices, call Bill McGr: (315) 451-1404 Microtome Service Company, Liverpool, NY

☎ **CamScan Series 2 (Model S2-80DV) Scanning Electron Microscope** for sale by CamScan USA Inc. Reconditioned and available for demonstration. Excellent condition. For more information, please contact Tony Owens, tel.: (724)772-7433, fax: (724)772-7434, eMail: camscan@nauticom.net

☎ **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, LKB knife cutter, Gatan Model 600 dual ion mill, stereo microscopes, Perkin Elmer microdensitometer, Joyce Loebel microdensitometer and LECO sulfur analyzer. For specification sheets, call: (202)544-0836.

