

NEW PRODUCT NEWS

Oxidative SEM Cleaning System

Flash SEM-CLEAN™, a new cleaning technology for SEM chambers has been introduced by XEI Scientific. Air is passed through a special glow discharge device to produce a high concentration of oxygen radicals that are then used to clean the specimen chamber. The O radicals oxidize hydrocarbons from the walls and from the specimen surface and the gaseous reaction products are quickly pumped away. For more information, call Ronald Vane at (650)369-0133

Circle Reader Response #40

New Remote Focus Control Unit for Stereo Microscopes

Increased productivity and reduce operator fatigue with the new H160-Z Remote Focus Control Unit from Prior Scientific. The H160-Z is an easy to operate remote focusing system that provides quick and precise focus at variable speeds. The unit is freestanding and significantly improves the ergonomics of any new or existing microscope system. The system can be fitted on any stereozoom microscope with a coarse only focus block.

Prior Remote Focus Control Units are complete systems including a control box with joystick, high/low speed option, 3-foot cord with drive motor, focus mount and focus mount and focus sleeve. Prior Scientific: (781) 878-8442, scondon@prior.com

Circle Reader Response #41

New Family of SPM Instrumentation

Pacific Scanning Corporation introduces the PScan2 SPM Controller and the PTrak3 Atomic Force Microscope.

PScan2 is a versatile, cost-effective electronic controller for scanning probe microscopes including atomic force (both contact and oscillating modes), shear force (tuning fork/lateral oscillating piezo) and near field optical microscopes. The PScan 2 Controller is designed for the researcher for developing state of the art SPM systems using either tube-piezo or stacked-piezo actuators. Software and hardware flexibility makes it easy to customize PScan2 for the needs of a particular experiment. Because of its unique design, multiple PScan2 units can be controlled by a single master computer using existing ethernet lines which is an enabling feature for multiple probe systems development.

PTrak3 is a reliable, robust, state of the art atomic force microscope designed to satisfy the needs of the majority of SPM users. Its large scan range (60 microns) and hardware linearization make it an indispensable tool for a variety of SPM applications. In addition, the modular design and convenient vertical optical access make PTrak3 the best choice for OEM customers wishing to add SPM capability to their products.

For further information, contact Pacific Scanning Corporation by calling (626)796-2626 or visit their web site: <http://www.pacificscanning.com>

Circle Reader Response #42



Microscopy Technician

Saint Louis University, a Catholic Jesuit University, dedicated to providing excellence in education, research and health care, is currently seeking qualified candidates for a full-time experienced Microscopy Technician.

This position will become available May 1999 to work in a NIH grant-funded university research laboratory. Applicants must have proficiency in conventional LM/TEM, immunocytochemistry, cryosectioning, LM autoradiography, and routine photography.

Saint Louis University Health Sciences Center offers a professional work environment in a state-of-the-art facility, an outstanding benefits package, competitive compensation and secured parking. Interested candidates may send or fax resumes to Sandy Cox at:

Saint Louis University
Health Sciences Center
1310 S. Grand
St. Louis, MO 63104-1018

Job Information Hotline: 314-977-2285, FAX: 314-577-8598
Web Site: www.slu.edu/services/HR/joblist.html

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USED EQUIPMENT FOR SALE

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 microdensitomer, Joyce Loebel microdensitometer and LECO sulfur analyzer. For specification sheets, call: (202)544-0836.

Hitachi S-500 SEM. Dual mag., fully equipped, ready to demo. Call CMS (614)529-1311, 9-5 Eastern.

JEOL 35CF SEM with backscatter and dual mag. Excellent condition. (606)227-6507, 12-9 Eastern.

Electron Microscopes and Accessories for Sale: Philips CM12 TEM with EDAX detector/PV9800 analyzer and Haskris chiller in excellent working condition (9 yrs/\$85K), Various parts for Philips EM400 TEM. GATAN 600 dual ion miller with LN2 stage (8 yrs/\$15K), VCR D500i dimpler (8 yrs/\$3K), Olympus optical microscope with Polaroid camera (\$3K), Haskris chiller (5 yrs/\$3K), Haskris chiller (10 yrs/\$1K), EDAX ECON (windowless) detector with PV9800 analyzer (15 yrs/\$5K), Sorvall ultramicrotome with diamond knives - 1 brand new and 2 used (\$4K), All instruments (except EM400) are in excellent working condition. Inquiries: (203)389-6065 or e-mail: ayerr@aol.com

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>