IndustryNews

Merrimac Tool Acquires Kramer Scientific

Kramer Scientific Corporation has been acquired by the Merrimac Tool Co. Alan K. Porter, CEO, commented that Merrimac Tool had been engineering and fabricating most of the Kramer Microscope parts and systems for a number of years now, mostly sold as upgrades or as factory-fitted fluorescence systems. The first unique product, the FBS-10 Fluorescence Biological Microscope System, is just launched, featuring the benefits of a compound microscope with the same sample preparation and pricing as a stereo microscope.

Kramer Scientific Corporation
www.kramerscientific.com

Johns Hopkins University Uses NanoSight to Study Self-Assembled Polymer/DNA Particles

The main research interests of Dr. Jordan Green of the Biomaterials and Drug Delivery Laboratory are in cellular engineering and nanobiotechnology. Knowledge of particle size is of particular value in the characterization of different drug delivery systems. Dr. Green and his team now also use the complementary technique of nanoparticle tracking analysis from NanoSight. NTA provides insight into their samples, particularly those with polydisperse behavior.

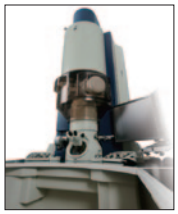
NanoSight Limited
www.nanosight.com

INFINITY Scientific USB 2.0 Cameras Supported by Media Cybernetics Direct Driver

Lumenera Corporation announced INFINITY camera integration with Media Cybernetics Image-Pro software. Lumenera's INFINITY 1, 2, 3, 4, and X families of cameras are now fully supported by Image-Pro, a powerful 2D and 3D image-processing, enhancement, and analysis software with extensive measurement and customization features. The new drivers are compatible with Windows XP Professional (SP3), Windows Vista Business or Ultimate (SP1), and Windows 7, 32- and 64-bit, Business and Ultimate operating systems.

Lumenera Corporation
www.lumenera.com

National Standards Lab Selects JEOL Atomic Resolution Microscope for R&D



JEOL announces a major order for the company's atomic resolution analytical JEM-ARM200F Transmission Electron Microscope (TEM), from the National Institute of Standards and Technology (NIST). The purchase was made through a competitive award process and funded by the American Recovery and Reinvestment Act. The TEM will be a featured instrument in the NIST Precision Measurement Laboratory, Boulder, Colorado.

JEOL USA, Inc.
www.jeolusa.com

Hitachi High Technologies America Announced the Sale of a TM-3000 Table-top Scanning Electron Microscope to Oklahoma University

The TM-3000 does not require any special electron microscopy skills or sample preparation techniques to operate, largely because of variable pressure. Operating a TM-3000 is as easy as operating a digital camera. The portability of the TM-3000 makes it easy to move to schools across the state allowing young people access to high-level science.

Hitachi High Technologies America, Inc.
www.hitachi-hta.com

Image-Pro® 7 Software Now Supports the ProScan™III Controller (H31) from Prior Scientific

Media Cybernetics is pleased to announce that their Image-Pro version 7 software can now fully support the Prior Scientific ProScan™III Controller. This exciting new support makes it possible to experience an advancement in microscope automation for the new compact and modular designed ProScan™III system. The ProScan™III provides a modular approach to minimize the footprint of the controller, occupying only 177 × 177 mm with its stylish cubic design.

Media Cybernetics, Inc
www.mediacy.com

FEI and Nanonics Enter into a Collaborative Agreement

FEI Company announces that it has entered into an agreement to collaborate with Nanonics Imaging Ltd. to explore the feasibility of adding an atomic force microscope (AFM) to an FEI DualBeam™ focused ion beam (FIB)/scanning electron microscope (SEM) system. The AFM is used for imaging, measuring, and manipulating matter at the nanoscale. It uses a mechanical probe to measure the surface topography of a sample. The DualBeam uses an SEM to image FIB-milled cross sections.

FEI, Inc
www.fei.com

Agar Scientific Announces Custom Manufactured Silicon Devices for Microscopists from TEMwindows

Agar Scientific announced a customer wafer fabrication service from their U.S.-based partners, TEMwindows. Agar Scientific supplies high-quality accessories to assist with sample preparation for TEM, SEM, FIB, Auger, and light microscopes. As applications become more demanding, very precise films and supports are required. These challenges may be addressed by the custom fabrication services of TEM windows. The company's experienced technologists carry out custom design, deposition etching, inspection, and packaging projects.

Agar Scientific
www.agarscientific.com

Quality Vision International Opens Larger Phoenix Facility

Quality Vision International, Inc. completed a move to Tempe, Arizona, to a larger, more modern facility. The 12,500-square-foot technical center houses the sales and service operations of Optical Gaging Products (OGP®), VIEW Micro-Metrology, and the Quality Vision Services (QVS) divisions of QVI. The new facility is designed to provide sales and applications support, service, and training for the company's customers in the western United States, Mexico, and western Canada.

Quality Vision International, Inc.
www.qvii.com

Emory University Expands Electron Microscopy Core with Two JEOL TEMs

The JEOL model JEM-2200FS TEM, with its in-column energy filter and thin film/electro-static phase plate technology, will be the showpiece of the expanded EM laboratory. "This will be the first biological Field Emission TEM in the state of Georgia and will establish Emory University as a unique center for biological imaging. The 2200FS will be dedicated to cryo-imaging of biological and soft materials specimens," said Dr. Elizabeth R. Wright, Director.

JEOL USA, Inc.
www.jeolusa.com

Olympus to Sell and Service its Microscopes Directly in Eastern Pennsylvania

Olympus America Inc. has announced that it will begin selling and servicing scientific equipment directly in the region surrounding its headquarters in Pennsylvania's Lehigh Valley. Professionals in science and industry use Olympus microscopes and imaging equipment for research, clinical applications, measuring and inspecting products, and other purposes. The eastern Pennsylvania region extends from Philadelphia north to the New York state border and west to Lancaster.

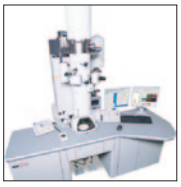
Olympus America Inc
www.olympusamerica.com

iXon X3 EMCCD Camera

With the new iXon X3 EMCCD, Andor have delivered a dedicated, truly high-end, yet accessible ultrasensitive scientific camera platform, designed specifically to derive the best from EMCCD technology across all critical performance specs and parameters. Andor's iXon X3 EMCCD ensures the highest sensitivity from a quantitative scientific digital camera, particularly under dynamic measurement conditions (faster frame rates). Andor's proven UltraVac™ vacuum technology, carrying a 7-year warranty, is critical to ensure both deep cooling and complete protection of the sensor.

Andor Technology
www.andor.com

New Koch Institute for Integrative Cancer Research at MIT Selects JEOL TEM



JEOL USA announced today that the new David H. Koch Institute for Integrative Cancer Research, at the Massachusetts Institute of Technology (MIT), has selected the JEOL JEM-2100F Transmission Electron Microscope for its new microscopy core. The 200kV Field Emission TEM offers a highly flexible platform for both biological and materials applications. This latest generation TEM will be configured with the new Gatan GIF Quantum post-column energy filter.

JEOL USA, Inc.
www.jeolusa.com

JAI Releases New GigE Vision SDK and Camera Control

Industrial camera provider JAI announced the availability of the latest version of its popular and powerful GigE Vision SDK & Control Tool software. The new version 1.3.0 software has been updated and improved in a considerable number of areas, aimed at maintaining its status as one of the most robust and versatile vendor-independent GigE Vision software packages offered by any camera manufacturer.

JAI Inc., USA
www.jai.com

First LIBRA 200 Shipment with ZEMAS Technology

The LIBRA series of Transmission Electron Microscopes (TEMs) from Carl Zeiss is taking a leap forward by offering the new ZEMAS framework technology, which integrates innovative data acquisition, viewing, and analysis capabilities into the LIBRA series TEMs. ZEMAS enables researchers to conduct routine and advanced TEM/STEM nano-characterization experiments with an unprecedented ease of use. The pioneering ZEMAS framework technology also enables fast implementation of new techniques and applications.

Carl Zeiss SMT AG
www.smt.zeiss.com

Technoorg Linda Ltd Purchases Norrox Scientific Ltd

Technoorg Linda Ltd is pleased to announce the purchase of Norrox Scientific Ltd., including their gold-standard MAG*I*CAL Calibration Standard for TEM. For the last ten years, Technoorg Linda has manufactured the MAG*I*CAL Calibration Standards for Norrox Scientific, using state-of-the-art ion beam technology. The MAG*I*CAL Standards are a testament to the effectiveness of the TEM sample preparation system: preliminary preparation with the Microheat, MicroPol, and MicroSaw ion milling with the IV3/IV4 ion mill and finishing with the Gentle Mill to eliminate surface damage.

Technoorg Linda Ltd
www.technoorg.hu/Products-5.html