

## IndustryNews

### New Biotage Catalog

Biotage® announced the release of its new Analytical Sample Preparation Catalog. The expanded, 200-page catalog includes a range of products for bioanalytical, forensic, clinical, environmental, agrochemical, and food applications. A searchable version of the catalog is also available on the Biotage website. This new Biotage catalog includes an Applications Index in addition to comprehensive information to assist in the use of these products. Additionally, the convenient Product Selection Guide enables customers to quickly locate the product that best fits their application needs.

Biotage AB  
<http://www.biotage.com/>

### ASCB Microscope Exhibit



At the annual meeting in Philadelphia last December, the American Society for Cell Biology exhibited some important microscopes. One of the highlights was Keith Porter's Zeiss Photomicroscope III for reflected light excitation and transmitted light phase contrast. Dr. Porter used this microscope for his research in the 1970s and 1980s, and it is still in use today. Kevin Sexton and David Orloff are shown with the microscope.

American Society for Cell Biology  
[www.ascb.org](http://www.ascb.org)

### X-Max—Upgrade to the Largest Area Silicon Drift Detector

Move up to ultimate productivity and accuracy for every application by upgrading your existing EDS to the X-Max, and benefit from: increased productivity (simultaneous imaging and analysis without changing microscope operating conditions), up to 10 times reduction in analysis time, convenient LN<sub>2</sub> free operation, and true nanoanalysis (high count rates at low kV and small spot sizes enables characterization of sub 100-nm structures and beam-sensitive samples).

Oxford Instruments  
[www.oxford-instruments.com](http://www.oxford-instruments.com)

### Market Demand Drives Lumenera Corporation to Expand Manufacturing Facilities

Lumenera Corporation announces the expansion of its manufacturing facility in Ottawa, Ontario, to meet market demand for custom and OEM cameras. Increased orders for Lumenera's customized camera services are the driving force behind the expansion. The new development will increase manufacturing space by 70% and boost camera production by 23%. This will further reduce the already short turnaround times Lumenera offers.

Lumenera Corp  
[www.lumenera.com](http://www.lumenera.com)

### Olympus Expands Availability of Ultra-Slim MicroProbe “Stick” Objectives for Minimally Invasive, High-Resolution Intravital Research

Researchers have long wanted to use intact living animals as subjects for basic research. Olympus now offers FluoView® FV1000 and FV1000-MPE microscope users three ultra-slim microscope objectives designed for minimally invasive, high-resolution *in vivo* imaging. With these “stick” objectives, more researchers can visualize dynamic events and structures deep within live animals over long periods of time, while causing minimal stress or injury to the animals.

Olympus America Inc., Scientific Equipment Group  
[www.olympusamerica.com/25x](http://www.olympusamerica.com/25x)

### Carl Zeiss Wins R&D 100 Award for VivaTome

Carl Zeiss MicroImaging accepted an award from R&D 100 in the category of Imaging Technologies for their product the VivaTome. The R&D 100 awards recognize the top technology products of the year in subjects such as new materials, chemistry breakthroughs, biomedical products, and high-energy physics. Recipients of the awards work in industry, academia, and government. Carl Zeiss accepted the award in recognition of the live cell imaging system, the VivaTome. This product was co-developed with Aurox Ltd.

Carl Zeiss MicroImaging  
[www.zeiss.de/nd\\_vivatome](http://www.zeiss.de/nd_vivatome)

### Meiji Techno UK Announces: British Antarctic Survey Chose Meiji Microscopes for Their Recent Research Expedition to Spitsbergen

The British Antarctic Survey also works in the Arctic at the Natural Environment Research Council's Research Station situated at Ny-Ålesund (78°55' N, 11°56' E), on the high Arctic island of Spitsbergen, part of the Svalbard archipelago. The station, which supports mainly Earth and life scientists, is part of an international research community including stations owned by Norway, Germany, Japan, Italy, France, and the UK.

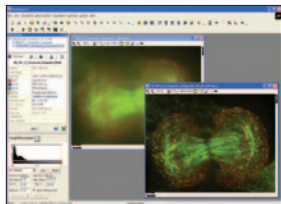
Meiji Techno UK Ltd  
[www.meijitechno.co.uk](http://www.meijitechno.co.uk)

### Nikon Metrology, Inc. Announces Opening of New Western Regional Sales Office in Irvine, California

Nikon Metrology, Inc. announced the opening of its new Western regional sales office in Irvine, California. The facility will serve as a sales and demonstration center for current and potential Nikon Metrology customers in Arizona, New Mexico, Utah, and Colorado, parts of southern California, Nevada, Idaho, Wyoming, and El Paso, Texas. The office will be home to Nikon Metrology employees who will provide customer support and sales demonstrations.

Nikon Metrology, Inc.  
[www.nikonmetrology.com](http://www.nikonmetrology.com)

### AutoQuant Version X2.2.1 Image Deconvolution Software Offers Windows 7 Support and Improved File Formats



Media Cybernetic's AutoQuant X2.2.1 software package includes the life science industry's leading image deconvolution software. AutoQuant users can retrieve better data from their images using the most complete suite of 2D and 3D algorithms available, including advanced Fixed and Blind deconvolution algorithms, which are both iterative and constrained for best results. The Blind algorithm possesses the popular time-saving option for obtaining point spread functions without the need for obtaining bead images.

Media Cybernetics  
www.mediacy.com

### FEI Launches New Website for Natural Resources

FEI Company has launched a website for natural resources as part of an increased focus on the mining and oil and gas industries. The website will serve as a technical educational resource regarding FEI solutions, such as automated mineralogy, for mining, oil and gas production, and geosciences. The website can be viewed at the link below. The website is part of a new business focus on the mining, oil and gas, and geosciences industries.

FEI Company  
www.fei-natural-resources.com

### Microtome Service Company Continues After Ownership Change

Bill McGee, a former tech-rep for Sorvall and DuPont, who operated Microtome Service Company since 1989, has transferred ownership of his business to Richard Mitchell. "Mitch" is a trained machinist who formerly designed and built unique research instruments for the Sensory Research Institute of Syracuse University. Microtome Service's phone number, 315-451-1404, remains the same.

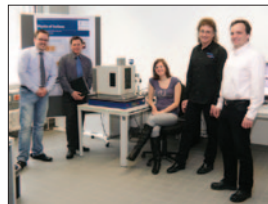
Microtome Service Company  
www.microtome.svc.co@verizon.net

### Sabancı University in Istanbul Orders Electron-beam Lithography System from Vistec

Vistec Lithography Inc. is pleased to announce that it has received an order from Turkey for one of its electron-beam lithography systems. The global supplier of advanced electron-beam lithography systems will deliver an EBP5000plusES to the newly formed Nanotechnology and Application Center (SUNAC) of Sabancı University based in Istanbul. The Gaussian beam system fulfills the challenging requirements of the institute, which will collaborate with other institutions in the field of nanotechnology research.

Vistec Lithography, Inc.  
www.vistec-semi.com

### Asylum Research Installs Dual AFMs at CSI, Technische Universität Darmstadt



Asylum Research announced that it has installed a dual system order for a Cypher™ AFM and MFP-3D-SA™ AFM at the Cluster of Excellence "Smart Interfaces" (CSI), Technische Universität Darmstadt in Germany in the lab of Professor Robert Stark, new professor for Physics of Surfaces in the Materials and Earth Sciences Department, and Dr. Elmar Bonaccorso, head of the new young researcher group, Experimental Interface Physics in Mechanical Engineering.

AsylumResearch.com  
www.AsylumResearch.com

### Gerhard Meyer Wins DPG Prize

The German Physical Society awarded the Robert-Wichard-Pohl Prize 2011 to Dr. Gerhard Meyer of the IBM Research Laboratory in Rüschlikon for "his pioneering research in the field of scanning probe microscopy and spectroscopy." The last IBMers to receive the prize are none other than Nobel Laureates J. Georg Bednorz and K. Alex Müller in 1987. In recognizing Gerhard Meyer the DPG comments, "His impressive results are a further step to make the world of atoms comprehensible."

German Physical Society  
http://4624.cleverreach.de/c/1950545/bJo%3D

### XEI Scientific Announces New Sales and Marketing Initiative

XEI Scientific Inc., maker of the popular EVACTRON® Plasma Cleaning System for electron microscopes and other vacuum chambers, announced that they have retained new executive-level advisors to direct worldwide sales and marketing. Signing a contract with Tom Levesque and Technology Business Consulting, LLC, the company will immediately begin to strengthen existing sales and marketing efforts in distribution, product definition, marketing programs, and product development.

XEI Scientific, Inc.  
www.evactron.com

### One-Stop Shopping: Buehler's New Sum-Met™ Bundles

To simplify ordering and purchasing, Buehler created its new Sum-Met™ Bundles, which contain all the grinding and polishing consumables required to prepare 100 specimens. Using one part number and one price, laboratory, medical, quality control, university, and other material analysis and preparation facilities can order Sum-Met Bundles for the following applications: Fe and Ni (ferrous and nickel-based alloys such as Inconel®), Al and Cu, Ti, electronic and polymer, and ceramic and refractory (non-metallic materials).

Buehler  
www.buehler.com