

IndustryNews

Oxford Instruments Offers Dune Sciences Silicon Half Grids™ for *In Situ* FIB Lift-Out

Dune Sciences, Inc. and Oxford Instruments have entered into an exclusive worldwide distribution agreement to sell Silicon Half Grids for *in situ* lift-out. The Dune Sciences' Silicon Half Grids will be offered for sale on the Omniprobe Products eStore, alongside other consumables and holders for nanofabrication and nanomanipulation. Silicon Half Grids for *in situ* FIB sample preparation provide a dramatic improvement in the preparation of specimens.

Oxford Instruments NanoAnalysis
www.oxfordinstruments.com

WITec Expands Presence in Canada—Spectra Research Corporation Selected as Sales Partner

WITec selected Spectra Research Corporation (SRC) as its new sales representative in Canada. The expansion is a logical step to strengthen WITec's regional presence. Spectra Research Corporation will further develop WITec's established presence in the country. With regard to the WITec range of products in the field of Raman and scanning probe microscopy, Canadian customers will benefit from SRC's long-term spectroscopy and nanotechnology experience.

WITec GmbH and Spectra Research Corporation
www.witec.de and www.spectraresearch.com

Olympus Releases Inspector Series 5.2

Designed to provide customers with a highly effective and streamlined solution for quantifying microscopic residue, defects, and foreign particles, the newly released Olympus Inspector Series 5.2 delivers accurate and reproducible data required to determine if manufactured parts meet quality specifications. The Olympus Inspector Series is especially critical to industries with worldwide manufacturing locations. Olympus provides a single-source solution for automated particle counting that includes Inspector Series software, an optical microscope, digital camera, and motorized stage.

Olympus Corporation
www.olympus-ims.com/en/microscope/filter

Lumen Dynamics Receives Multiple Awards for Customer Service Excellence

Lumen Dynamics, a world leader in light delivery technologies, announces that it has won the 2012 Platinum Contact Center of the Year. Receiving the highest recognition in customer service excellence by the International Customer Service Association, Lumen Dynamics was chosen among companies across Canada in the small business category. This award recognizes companies that have demonstrated effective service management and that continually strive to strengthen the service center's role within the organization.

Lumen Dynamics Group Inc.
www.LDGI.com

CoolLED USA Established to Support North American Users of LED Products

CoolLED Ltd. is pleased to announce the formation of CoolLED USA. CoolLED USA is a joint venture between CoolLED Ltd. and Tek5 systems LLC of Yorktown Heights, NY. The business will promote and support CoolLED's LED products among users in research and OEM applications throughout North America. This will be operated in conjunction with existing distribution networks to offer enhanced support to its customers.

CoolLED Limited
www.coolled.com

Phenom proX Desktop Scanning Electron Microscope Now with EDS

With the Phenom proX desktop SEM, sample structures can be physically examined. Viewing three-dimensional images of microscopic structures only solves half the problem when analyzing samples. It is often necessary to collect more than image data to be able to identify the different elements in a specimen. This is accomplished in the Phenom proX with a fully integrated and specifically designed EDS detector. EDS elemental analysis is fully embedded into the Phenom proX system.

Phenom-World
www.phenom-world.com

FEI QEMSCAN WellSite Expands to Onsite Core Analysis with System Delivery to Kirk Petrophysics



FEI and Kirk Petrophysics announced that FEI has delivered a QEMSCAN® WellSite™ analysis system to Kirk Petrophysics who will use it to provide rapid onsite analysis of drill cores in oil and gas drilling operations. Core analysis is an essential component of formation evaluation used by geologists and engineers to determine the production potential of a well and to manage drilling and completion operations.

FEI Company
www.fei.com

Olympus Releases Stream Image-Analysis Software v. 1.8

Designed for multifaceted and complex micro-imaging applications, Olympus Stream Image-Analysis software version 1.8 makes it easy to achieve unprecedented levels of accuracy, repeatability, and reliability. Just released to U.S. customers, the next evolution of Stream software saves time and money while equipping users with the confidence to make better decisions based on more precise images. One key to Stream's effectiveness is its advanced high dynamic range (HDR) imaging capability, which provides more powerful image capture.

Olympus Corporation
www.olympus-ims.com

Bruker Wins Over \$7 Million in SP9900+ 3D Optical Microscope Orders



Bruker announced today that it has already received more than \$7 million in orders for its new Bruker SP9900+ high-throughput high-density interconnect (HDI) substrate metrology system and has begun shipping the product in volume. The SP9900+ Large Format 3D Optical Microscope is specially designed for the semiconductor packaging industry and offers major advantages over previous generations of optical microscope technology. Dramatic improvements in inspection throughput are provided.

Bruker Corporation
www.bruker.com

Oxford Instruments plc Acquires Asylum Research Corp.

Asylum Research announces that it has been acquired by Oxford Instruments plc ("Oxford Instruments"), a leading provider of high-technology tools and systems for industry and research. The acquisition is subject to customary conditions of the London Stock Exchange and is expected to be completed before the end of December 2012. The acquisition will be funded from existing facilities. Asylum Research will remain in Santa Barbara, CA, and keep its current management structure.

Asylum Research and Oxford Instruments plc
www.asylumresearch.com

Scientifica Launches its Versatile and Cost-Effective Multiphoton Imaging System in the US



Scientifica, the Queen's Award-winning UK-based company, is launching its Multiphoton Imaging System in the U.S., in a move which acknowledges multiphoton imaging as one of the most powerful life science research tools of the 21st century. Scientifica's system boasts a number of benefits, such as its modular design, making it easy to use with differing microscopes, as well as components being easily added to a Scientifica SliceScope microscope.

Scientifica
www.scientifica.uk.com

LECO Corporation Now Distributing Olympus DSX Series

Olympus announced that LECO Corporation will be serving as an authorized DSX Series distributor to customers in North America. A manufacturer of analytical instrumentation for materials science for over 75 years, LECO also has more than 35 years of experience in the development and distribution of metallography and optical equipment. LECO's full-service metallographic/optical service center provides field and in-house services such as preventive maintenance, alignment, adjustment, repair, and applications support.

LECO Corporation
www.leco.com

Raman Spectral Libraries Offered with CRAIC Technologies Raman Microspectrometers



CRAIC Technologies now offers searchable databases of Raman spectra for use with CRAIC Technology's Spectral Database Software and the state-of-the-art Apollo™ Raman microspectrometer. With the largest database containing over eight-thousand Raman spectra, spectral data may be searched as well as compared with data acquired with the Apollo™ Raman microspectrometer. Subsets of the entire Raman database are offered in the polymer, semiconductor, forensic, chemistry, pharmaceutical, material science, and geological fields.

CRAIC Technologies, Inc.
www.microspectra.com

Extreme Lab: ASU Southwest Center for Aberration Corrected Microscopy

In 2012, the university opened the Southwestern Center for Aberration Corrected Electron Microscopy. Ultimately, through the use of aberration-corrected STEM and TEM, researchers will gain a better understanding of the behavior of materials at their most essential level and will view the very atoms that comprise their samples. Part of ASU's LeRoy Eyring Center for Solid State Science, SW-ACEM is home to a JEOL JEM-ARM200F atomic-resolution transmission electron microscope.

JEOL USA
www.jeol.com

Molecular Devices Introduces SoftMax Pro 6 GxP Microplate Data Acquisition and Analysis Software

Molecular Devices, LLC announced the launch of SoftMax® Pro 6 GxP Software for data acquisition and analysis from microplate readers in regulated environments. The software additionally supports the SpectraMax® Paradigm® Multi-Mode Detection Platform and FilterMax™ F3/F5 Microplate Readers. The software is tightly aligned to FDA's 21 CFR Part 11 guidance for electronic signature and electronic record. SoftMax Pro 6 GxP Software facilitates easy upgrades for existing users.

Molecular Devices, LLC
www.moleculardevices.com

XEI Scientific Reports on How RJ Lee Group Has Applied Evactron® Plasma Technology for Specimen Cleaning

XEI Scientific Inc, maker of the popular EVACTRON® De-Contaminator™ Plasma Cleaning System for electron microscopes and other vacuum chambers, reports on how RJ Lee Group, Inc., has used an Evactron® specimen cleaning chamber to clean samples ahead of analysis in electron microscopes. The firm specializes in four areas of interest: analytical laboratory testing, industrial forensics consultation and support, litigation support, and systems reliability tools for engine health.

XEI Scientific Inc.
www.evactron.com