

IndustryNews

Precise Free-Hand Cutting with Diamond Scrapers

S.T. Japan has released two unique diamond knives for routine sectioning of hard and soft materials. The Diamond Scrapers have ultra-sharp blades made of natural diamond type IIa allowing you to easily perform clean cuts with minimum pressure and without tearing the sample. The risk of sample distortion is considerably reduced. Diamond Scrapers with flat blades are used to smooth surfaces. The tools have 45° angled blades for precisely cutting most biological and industrial materials.

S.T. Japan-Europe GmbH
www.stjapan.de

FEI and NovAliX Partner to Provide Electron Microscopy-based Structural Biology Services for the Pharmaceutical Industry

FEI and NovAliX, a contract research organization (CRO), announced today a strategic partnership to enable NovAliX to provide commercial cryo-electron microscopy (EM)-based structural analysis services to its customers in the pharmaceutical and biotech industry. NovAliX has integrated a cryo-EM workflow based on a transmission electron microscope (TEM). The collaboration combines application, training, and support with on-site personnel from FEI.

FEI Company
www.fei.com and www.novalix-pharma.com

Physik Instrumente Promotes Dave Rego to Head PI's US Eastern Region Sales Teams

PI has promoted Dave Rego to director of sales for the US Eastern Region. Rego has been handling PI's key industrial accounts on the East Coast for several years and brings a substantial and knowledgeable background in precision motion technology, leadership, and project management skills. His experience gained in 15 years with PI USA will be beneficial in leading, managing, and training the company's East Coast sales engineering organization.

PI (Physik Instrumente)
www.pi-usa.us

attocube systems AG: Change of Leadership

attocube has a new management board: After 15 years with double-digit growth rates, Dr. Dirk Haft and Professor Khaled Karraï, who founded attocube systems in 2001, will now transfer the running of the company to Dr. Martin Zech. Professor Karraï will continue to support the company as scientific director. As in the past 15 years, he will steer the development of ideas as innovation manager and accompany the development processes for new products as scientific mentor.

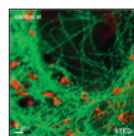
attocube systems AG
www.attocube.com

JEOL Founders Recognized with Pittcon Heritage Award

JEOL announced that the company founders were recognized for their scientific vision and pioneering leadership at Pittcon 2016 in Atlanta, Georgia, with the Pittcon Heritage Award. JEOL Ltd. president Gon-emon Kurihara accepted the award at a special ceremony on Sunday, March 6. The 2016 Award recognizes Kenji Kazato (1917–2012) and Kazuo Ito (1921–), who led a group of scientists in Japan to develop an electron microscope. In 1947 they introduced a prototype magnetic field-type electron microscope, the DA-1.

JEOL USA
www.jeolusa.com

Nine Structures Visualized in a Single Imaging Measurement



A recently published *Nature Methods* paper by Profs. Markus Sauer and Jörg Enderlein, in collaboration with PicoQuant GmbH, describes a novel strategy called spectrally resolved fluorescence lifetime imaging (sFLIM), allowing visualization of nine different target molecules in a single measurement. The method employs three excitation lasers with different wavelengths pulsing in an alternating pattern. Data acquisition and analysis was performed with the MicroTime 200 microscopy platform and SymPhoTime 64 software.

PicoQuant GmbH
www.picoquant.com

Vision RT Appoints Mike Schneider as VP Global Customer Support

Vision RT announced that it has appointed Mike Schneider as VP global customer support. Previously he was at Advanced BioHealing as head of operations, where he was responsible for developing and implementing operational strategies that consequently ensured an >150% increase in product shipment, and at Kinetic Concepts Inc. where he headed the global restructuring of service, supply chain, and quality, among others. He has spent close to 40 years in senior operations roles.

Vision RT Ltd
www.visionrt.com

New Data Analysis and Reporting Software for Bruker 3D Optical Microscopes

Bruker Corporation and Digital Surf today announced that Bruker Nano Surfaces is offering Vision64 Mapdata analysis and reporting software with its entire line of 3D optical microscope systems. Vision64 Map is an extension to Bruker's industry-leading Vision64® instrument control and analysis software and is based on Digital Surf's Mountains® Technology software platform. The new software opens up streamlined access to automated reporting of advanced surface measurements in 11 languages.

Digital Surf
www.digitalsurf.com

Bruker Introduces RampScript for BioScope Resolve BioAFM

Bruker's Nano Surfaces Division announced the release of RampScript™, which provides extensive new scripting capabilities for the BioScope Resolve® BioAFM. BioScope Resolve provided the first-ever images of microvilli on live cells by routinely resolving submolecular structures, such as the major and minor groove of DNA, while operating on an inverted microscope. With its combination of Bruker's exclusive PeakForce Tapping® and FASTForce Volume™ technologies, BioScope Resolve provides the widest range of ramp rates for biomechanics.

Bruker Nano Surfaces Division
www.bruker.com

Navitar Completes Deal to Acquire Hyperion Development/AMF Optics

Navitar Industries announced that the purchase of Hyperion Development/AMF Optics has been completed. With this acquisition, Navitar expands its product offerings, optical and mechanical design services, manufacturing capabilities, and production capacity. Hyperion Development/AMF Optics co-founders, Michael Thomas and Russ Hudyma, have joined the Navitar leadership team. Michael Thomas will now serve as president of the Navitar family of companies, and Russ Hudyma has been appointed chief technical officer.

Navitar, Inc.
www.navitar.com

TESCAN USA Partners with SOQUELEC to Promote and Sell its Products in Canada

TESCAN USA is pleased to announce an exclusive partnership agreement with SOQUELEC to sell and promote TESCANA products to all of Canada. TESCANA is a manufacturer of scientific equipment sold worldwide, and SOQUELEC specializes in the sales and service of scientific equipment with an emphasis on electron microscopy. Soquelec has been involved in over 200 electron microscopy and microbeam installations over the past 40 years across Canada.

TESCAN USA and SOQUELEC
www.tescan-usa.com

Jenoptik Expands PROGRES GRYPHAX® Microscope Camera Portfolio

The PROGRES GRYPHAX® ARKTUR and NAOS cameras are the latest additions to Jenoptik's USB 3.0 product range. By using the latest technology in the new camera models in the PROGRES GRYPHAX® series, Jenoptik is setting new benchmarks for routine microscopy. With a high light yield and wide dynamic range, the microscopic universe can be explored at a very low noise level on high-resolution monitors with Jenoptik picture quality.

Jenoptik
www.jenoptik.com

LSM Upgrade Kit for the Olympus FluoView FV3000

The new upgrade kit expands the capabilities of the Olympus FluoView FV3000 confocal laser scanning microscope with time-resolved analysis techniques such as fluorescence lifetime imaging or fluorescence correlation spectroscopy. The broad range of available laser sources, high photon sensitivity, and time resolutions ranging from pico- to microseconds make it possible to analyze all types of commonly used fluorophores. Even the new approach rapid2FLIM for very fast and accurate FLIM imaging is available.

PicoQuant GmbH
www.picoquant.com

Park Systems Global Expansion in AFM Market Includes Appointment of New Executives

Park Systems, world leader in atomic force microscopy (AFM), announced today the appointments of Charlie Park as senior vice president of Global Sales, and Jong-Pil Park as vice president of production. The new vice presidents will develop strategic global sales initiatives and further Park's position as a leading AFM manufacturer by enhancing production capabilities to meet increased product demands and customer technology requirements.

Park Systems
www.parkafm.com

Vision RT Receives Two Queen's Awards for Enterprise

Vision RT announced that it has been awarded two of the 2016 Queen's Awards for Enterprise—the UK's highest accolade for business success. Vision RT has seen growth in its international trade by 260% since 2013, and its technology is now installed in 37 of the top 50 cancer centers in the US. For Innovation, Vision RT was recognized for its unique product, AlignRT®, a proven solution for surface guided radiation therapy (SGRT)

Vision RT Ltd
www.visionrt.com

ZEISS Announces Partnership with Molecular Imaging Platform at McGill University

ZEISS announced a new partnership with the Research Institute of the McGill University Health Centre's Molecular Imaging Platform. The Molecular Imaging Platform provides researchers with access to state-of-the-art ZEISS imaging systems customized for a variety of applications. Purchased with funds from the Canada Foundation for Innovation and the ministère de santé et des services sociaux du Québec, these instruments will allow the center's users a broad range of high-end imaging modalities.

ZEISS Microscopy
www.zeiss.com/microscopy