

IndustryNews

PI Releases New Brochure on Air Bearing Technology at Laser 2015 Conference

Nanopositioning specialist PI (Physik Instrumente), a leader and solution provider in motion control and positioning components and systems, releases its latest product line catalog on Air Bearing stages. The new brochure on U.S.-designed and manufactured precision positioning equipment was introduced at this year's "LASER World of PHOTONICS"—one of the world's leading international trade shows and conferences for the laser and photonics industry, in Munich, Germany.

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

Prior Scientific Linear Motor Stage Chosen by NIMR Core Imaging Facility



Prior Scientific has announced that the Core Imaging Facility at the UK's prestigious National Institute for Medical Research (NIMR) has chosen a Prior HLD117 linear motor stage to be the sample platform at the center of a new system based around an Olympus IX83 microscope. Research at NIMR covers a broad spectrum of basic biomedical science, including infectious diseases, immunology, cell and developmental biology, neuroscience, and structural biology.

Prior Scientific Instruments Ltd.
www.prior-scientific.co.uk

Vision RT Wins Technology Innovation of the Year Award at the 2015 UK Private Business Awards

The UK Private Business Awards are presented to the UK's most successful private companies. The criterion for the Technology Innovation of the Year Award was an innovative and transformational idea that has beaten the competition and displayed creative thinking. Vision RT's platform product, AlignRT®, provides optical guidance for patient positioning during radiation therapy to help clinical users deliver radiation safely, efficiently, and comfortably.

Vision RT Limited
www.visionrt.com

In-Situ TEM Liquid Holder System

Hummingbird Scientific's Liquid flow holder allows scientists to image samples in flowing or static liquids, at atomic resolution. This product was the winner of the Tibbets Award for Small Business Innovation Research in 2010 and the Federal Lab Consortium Award in 2011. The Microanalysis Society of America awarded the 2011 Birks Award for the first *in-situ* liquid TEM electrochemical study performed with the patented Hummingbird Scientific Liquid Flow TEM Holder.

Hummingbird Scientific
http://hummingbirdscientific.com

ZEISS Announces Partnership with Molecular Imaging Platform at McGill University Health Centre Facility

ZEISS announces a new partnership with 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. New equipment includes a ZEISS ELYRA PS.1 super-resolution microscopy combi-system with ZEISS LSM 880, two multiphoton ZEISS LSM microscopes, and a spinning disk confocal microscope, ZEISS Cell Observer SD.

Carl Zeiss AG
www.zeiss.com

FEI Partners with Australian Microscopy & Microanalysis Research Facility to Develop Online Microscopy Education and Outreach

FEI and the Australian Microscopy & Microanalysis Research Facility have joined forces to bring the joy of microscopy to the general public through MyScope™ Outreach. MyScope Outreach will be a free, online tool designed to make microscopy education and outreach accessible to a global user community, regardless of age, educational background, or socioeconomic history. It will be available in Q1 2016 and will specifically target school-age (K-12) children.

FEI Company
www.fei.com

New CEO at TESCAN USA, Inc.

TESCAN has appointed Dr. Michal Rabara as President & CEO of TESCAN USA Inc. Dr. Rabara has over sixteen years of experience in charged particle technologies. Most recently he served as Managing Director Asia at Gatan Inc. where he significantly contributed to rapid development of business and organization. His valuable experience in the field of electron microscopy will further strengthen the TESCAN brand position in the North American market.

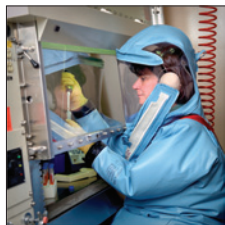
TESCAN USA Inc.
http://tescan-usa.com

University of Leeds Expands Structural Biology with Purchase of Multiple Titan Krios TEMs

FEI announced the receipt of a significant order for two Titan Krios™ cryo transmission electron microscopes from the University of Leeds. The two Krios systems were purchased as part of a £17M investment from the University's strategic reserves, an indication of the highest priority given to the acquisition by the University's leaders. The initiative is also supported by a £1M award from the Wellcome Trust to support biomedical discovery.

FEI Company and University of Leeds
www.fei.com

New Microscopy Specimen Preparation Method Helps in Fight Against Ebola



Examining Ebola virus by electron microscopy is vital to discovering ways to combat this deadly scourge. But preparing and handling specimens proves to be difficult in high-level biosafety laboratories. Now U.S. Army scientists have found a safer, faster way to handle and prepare hazardous virus specimens using patented technology from Microscopy Innovations, a biotechnology tools firm. For researchers handling dangerous pathogens in BSL-3 and BSL-4 labs, mPrep is a game-changer.

Microscopy Innovations LLC
www.microscopyinnovations.com

New TEM Grids for FIB Lift-Out Procedures



The new EM-Tec range of FIB lift-out grids from EM Resolutions provides a secure way to attach TEM lamella prepared with FIB instruments. Available in multiple post configurations, with a shape optimized for easy accessibility, EM-Tec FIB grids are compatible with all standard 3 mm TEM grid holders. EM-Tec FIB lift-out grids are available in three types: copper, molybdenum, and unique, smooth-walled molybdenum. The copper FIB grids are supplied in 2-, 3-, or 5-post configurations.

EM Resolutions Ltd.
www.emresolutions.com

Affordable Multi-Functional Controller for Microscope Accessories

The OptiScan® III from Prior Scientific is a powerful, entry-level system for controlling the OptiScan range of motorized microscope stages and focusing devices. The compact OptiScan III uniquely can be used to drive a motorized stage and a focus motor while precision motor drive technology ensures quiet and smooth motion. A joystick provides users with precise and ergonomic control of their microscope accessories in the *x*, *y*, and *z* axes.

Prior Scientific
www.prior.com

Kincaid Joins Commercial Team at IDEX Optics & Photonics

Jonathan Kincaid has joined the IDEX Optics & Photonics Commercial Strategic Account Team, supporting Advanced Thin Films and CVI Laser Optics. Coming from the medical laser and telecommunications sectors where he has spent the last 15 years growing strategic accounts and servicing his customers, he most recently worked as Director of Strategic Accounts for Level3, and prior to that at AT&T.

IDEX Optics & Photonics
<http://idex-op.com>

Renishaw's inVia Confocal Raman Microscope Connects to Bruker's Dimension Icon AFM



Renishaw announced that their inVia confocal Raman microscope, connected to Bruker's Dimension Icon AFM, yields a fully integrated Raman-AFM system. The combined instrument has a comprehensive range of features, making it the highest-performing, easiest-to-use system for co-localized Raman-AFM measurements. It supports a full range of AFM techniques and μ -Raman capabilities and can characterize the properties of materials at sub-micrometer and nanometer scales. Both instruments can be used independently.

Renishaw plc
www.renishaw.com

ZEISS and University of California Berkeley Launch Public-Private Partnership to Support Brain Microscopy Innovation Center

ZEISS announces that its public-private partnership with UC Berkeley is part of the Brain Microscopy Innovation Center, a component of the Berkeley BRAIN Initiative. The Brain Research through Advancing Innovative Neurotechnologies (BRAIN) Initiative is focused on revolutionizing understanding of the human brain, with the goal of helping researchers uncover the mysteries of such brain disorders as Alzheimer's and Parkinson's diseases, depression, and traumatic brain injury.

ZEISS Microscopy USA
www.zeiss.com

e2v Expands Asia Pacific Team with Larger Office in Japan

The Yokohama office is the latest addition to e2v's expanding network in Asia Pacific, with the team providing local expertise to e2v's growing customer base across its Semiconductors, Imaging, and RF Power businesses. Specialist technical support services will be on-site to partner with e2v's Professional Imaging customers and to support the increased demand for machine vision solutions in Japan.

e2v
www.e2v.com

Sabine Blessing Joins Semrock Sales Team



Semrock is pleased to announce the addition of Ms. Sabine Blessing to the Commercial team. Ms. Blessing was previously employed by companies including Fielmann AG and Edmund Optics. She contributes 27 years of optics and account management experience, having successfully served in the capacity of Business Manager, Technical Sales Manager, and Key Account Manager. Ms. Blessing will work closely with Semrock senior management, with a focus onto several assigned key accounts.

Semrock, Inc.
www.semrock.com