

IndustryNews

Tomocube Launches a Network of 23 Distributors

A comprehensive network of specialist imaging companies has been assembled to support the sales and maintenance of Tomocube's holotomography microscopes around the world. Covering North America, Europe, and Asia, the group of 23 distributors is being launched as Tomocube prepares to introduce its second microscope model in less than three months. The launch of the new network comes as Tomocube readies a sister microscope to the just-launched HT1. The new microscope shares the HT-1's patented light-shaping digital micromirror device that generates unique 3D tomograms.

Tomocube, Inc.
www.tomocube.com
Tomocube_distributors

Digital Surf and Image Metrology Announce MountainsSPIP 8™ Software

Since SPM specialists Image Metrology and Digital Surf joined forces in 2014, development teams from both companies have been working hard to create the next generation of SPM image analysis software. The new product line, named MountainsSPIP 8™, will be available to users in Q2 2019. Based on the industry-standard Mountains® platform, it will also include all the best SPIP™ interactivity and analytical tools.

Digital Surf and Image Metrology
www.digitalsurf.com and www.imagemet.com

Use Your Microscope as a Scanner

Berlin-based VMscope GmbH licenses and distributes iSTIX®, developed by the Fraunhofer Institute for Integrated Circuits IIS. The software allows for any camera-equipped microscope to be used as a manual whole-slide scanner for the digitization of glass slides, materials, surfaces, or other microscopic structures. It is compatible with any microscope and camera and integrates seamlessly into the current microscope-centered workflow. iSTIX® sees the same field-of-view as the user does by looking through the microscope's eyepiece.

Fraunhofer Institute for Integrated Circuits IIS
www.iis.fraunhofer.de

Photron Partners with Photonic Lattice

Photron partners with Photonic Lattice to develop two different digital 2D birefringence measurement systems. One is the CRYSTA, a high-speed dynamic measurement camera to scan high-speed events at speeds as fast as 1.3 million frames per second (fps). The second system, named the KAMAKIRI, is a high-accuracy static scan system that uses a five-megapixel CMOS cameras with three different bandpass filters to very accurately scan a sample as large as a piece of A4 paper.

Photron USA, Inc.
www.photron.com

B&W Tek Announces Updates to NanoRam® Software

B&W Tek released the latest versions of their NanoRam® operating and data-management software packages: NOS V5.16 and NID V5.16. These updates were designed to provide users with improvements in their data-management capabilities. The NanoRam is an intuitive handheld instrument used for nondestructive identification and verification of materials. Because it is fully compliant with all governing regulations, the NanoRam can be used by both cGMP-compliant facilities and non-technical users.

B&W Tek
bwtek.com

Vision Engineering Doubles Warranty on “Mantis” Eyepiece-Less Microscope

Vision Engineering announced that it is doubling the manufacturer's warranty from 12 months to 24 months for all new Mantis eyepiece-less stereo microscopes. All systems bought from December 1, 2018 are covered by the new 2-year manufacturer's warranty. The new warranty applies globally. The Mantis range includes Mantis Compact, Mantis Elite, and Mantis Elite-cam. Manufactured in Connecticut, Mantis serves the needs of customers globally and has applications in numerous markets.

Vision Engineering
www.visioneng.us

New 2-Year AR Warranty—Super Optical and FastGrind

Super Optical, an industry-leading international provider of optical equipment, including the FastGrind “All-In-One” Lens Surfacing System, is pleased to announce a new 2-year AR warranty available for FastGrind lenses. This warranty offers an extra level of comfort when dispensing AR lenses produced with FastGrind. Standing behind a complete line of quality preblocked FastGrind lens offerings has been a company hallmark for decades.

Super Optical
SuperOptical.com

Princeton Instruments Expands Worldwide Network of FERGIE® Spectroscopy System Dealers

Princeton Instruments announced that it has expanded its FERGIE® distribution and support network in Europe and Asia. These new dealers will further strengthen the company's existing FERGIE sales network by improving its ability to serve the scientists who are interested in this revolutionary Princeton Instruments spectroscopy solution. As the only aberration-free spectroscopy system on the market today, FERGIE has received numerous accolades from academic and industrial users alike for its outstanding results.

Princeton Instruments
www.fergiespec.com

Pfeiffer Vacuum Opens New Facility in Nashua, New Hampshire



Pfeiffer Vacuum opened up a new 27,000-square foot building in Nashua, NH. This modern

two-story construction will be the home of the North American headquarters for administration, sales, product management, marketing, and customer care. In parallel, the former 24,000-square foot administration building has been converted into a Service Center of Excellence, bringing together under one roof all service activities for the major part of the Pfeiffer Vacuum product portfolio.

Pfeiffer Vacuum GmbH
www.pfeiffer-vacuum.com

Park Systems Announces Grand Opening Ceremony for Their New Office in Beijing

Park Systems announced the opening of its Beijing office. With the increasingly growing demand for AFM technology in China, Park Systems has decided to provide direct support for China's major scientific laboratories and research and industrial communities by opening an office in Beijing equipped with Park AFM. It will serve as an AFM research facility in China and will provide strong technical, application, sales, and client service support for all Chinese customers.

Park Systems
www.parksystems.com

Leica Microsystems Receives Prestigious R&D 100 Award

The SP8 FALCON Fluorescence Lifetime Imaging solution from Leica Microsystems has been recognized with a prestigious R&D 100 Award. The lifetime of a fluorescence signal carries information on cellular microenvironment and molecular interactions. The SP8 FALCON was selected as a leading innovation, as it enables scientists to use the recognized power of FLIM for functional imaging without needing to add complex equipment to an existing confocal system.

Leica Microsystems GmbH
www.leica-microsystems.com

Excelitas Technologies Announces Agreement to Acquire Axsun Technologies

Excelitas Technologies, a global technology leader focused on delivering innovative, customized photonic solutions, announced that it has signed a definitive agreement to acquire Axsun Technologies (Billerica, MA). Axsun is a privately held company specializing in the development and production of innovative, MEMS-based light engines for high-performance medical imaging and industrial spectroscopy applications. The transaction is expected to close in early 2019.

Excelitas Technologies Corp.
www.excelitas.com

JAI Unveils Microscopy Solutions Featuring the Latest Prism Color Camera Technology



JAI today announced a series of new camera models and software integrations that provide advanced color imaging capabilities to builders and users of

microscopy-based imaging systems. The announcement includes six new models in JAI's Apex Series of high-performance 3-CMOS prism color cameras, as well as full integration with two of the most popular microscopy software solutions, Image-Pro® from Media Cybernetics and the μ Manager open-source software package.

JAI Inc.
www.jai.com

B&W Tek Releases New Versions of BWIQ®, BWSpec®, and BWID®

B&W Tek released the latest versions of their BWIQ®, BWSpec®, and BWID® software packages. All of the updates were designed to provide more capabilities to users when collecting and analyzing data. BWIQ® is a comprehensive multivariate software package for analysis of spectral data. BWSpec is a data acquisition and analysis program and portable Raman system. BWID is a unique software product that is designed for rapid Raman spectroscopic identification.

B&W Tek
http://bwtek.com

Brochure on Precision Motion Control and Positioning Systems for Electronics Manufacturing

PI's new brochure gives an insight on advances in standard and custom motion systems designed to satisfy the needs of engineers in the electronics and semiconductor industry. The technological diversity and the high vertical range of manufacturing enables PI (Physik Instrumente) to offer motion systems that address the needs of OEMs, integrators, and end users. PI's new brochure contains examples of high-performance systems for different productions steps.

PI USA / Canada
www.pi-usa.us

China's First TIMA-X Installed at Peking University

TESCAN is proud to announce that they have installed the first TIMA-X automated mineralogy system in China. The system was installed at the Geology Department at Peking University Beijing. PKU is ranked number 30 in the prestigious QS World University Rankings, with the Geology Department consistently being ranked as the top geological institution in the nation. Scientists at PKU will use the TIMA-X system for research into fundamental geology international rankings.

TESCAN
www.tescan.com