

## IndustryNews

### New 2013 Master Catalog Available

CVI Laser Optics announced the release of their new 2013 Master Catalog of high-quality laser optics. The newly slimmed catalog has a reevaluated and rebuilt product line focused on offering a large selection of on-the-shelf products for fast delivery. The catalog also includes detailed options of “Build-Your-Own” for an easy-to-configure combination of optics and coatings. CVI Laser Optics offers rapid turnaround with standard, semi-custom, and fully customized laser optics solutions.

CVI Laser Optics  
www.cvilaseroptics.com

### Quartz Imaging Introduces Annual Software Assurance Program

Quartz Imaging Corporation has recently introduced its Annual Software Assurance Program (ASAP). ASAP provides Quartz PCI customers the ability to receive free minor and major upgrades to Quartz PCI Lab and PCI Office licenses. Quartz Imaging is pleased to introduce and offer its new Annual Software Assurance Program (ASAP) to all of its existing and new customers. Customers who subscribe to ASAP will receive all minor and major upgrades free of charge.

Quartz Imaging Corporation  
www.quartzimaging.com

### CVI Melles Griot Becomes CVI Laser Optics and Melles Griot

CVI Laser Optics will now focus solely on high-quality laser optical components and the design and manufacture of fully custom components tailored to its OEM customers’ needs. Melles Griot will continue its custom capabilities in the areas of lasers and light engines. As two stronger yet separate brands, CVI Laser Optics and Melles Griot will continue to develop their individual capabilities within the expanding IDEX Optics and Photonics platform.

CVI Laser Optics and CVI Laser Optics  
www.cvilaseroptics.com and www.mellesgriot.com

### VSG and North Star Imaging Sign Joint Partnership Agreement

FEI’s Visualization Sciences Group and North Star Imaging have signed an OEM partnership agreement between the two companies. North Star Imaging will begin offering VSG’s Avizo® Fire high-end 3D visualization and analysis software as an integrated component with their 3D X-ray scanning solutions. NSI’s high-speed, high-resolution 3D Computed Tomography X-ray imaging systems will be enhanced by now also offering VSG’s ability to supply fast analysis and modeling of the collected data.

North Star Imaging and FEI’s Visualization Sciences Group  
www.4nsi.com and www.vsg3d.com

### Electron Microscopy Sciences Proudly Releases the Microscopy and Histology Encyclopedia of Supplies and Accessories

Electron Microscopy Sciences is proud to introduce Catalog XVI for 2012, the most complete collection of products for light microscopy, histology and electron microscopy, and general biological and materials research. With over 16,000 products and over 2,000 new unique items, this catalog is truly an encyclopedia every lab should have on the shelf.

Electron Microscopy Sciences  
www.emsdiasum.com

### Ombu Group Company Phase Focus Signs Licensing Agreement with Gatan

Ombu Group announced that Phase Focus Ltd has entered into a licensing agreement with Gatan, Inc. Gatan is a manufacturer of instrumentation and software used to enhance and extend the operation and performance of electron microscopes. The agreement provides for joint development of a range of products, including a Virtual Lens “add-on” product for existing electron microscopes. Once fully developed, the products will be marketed by Gatan.

Phase Focus Ltd. and Gatan. Inc  
www.phasefocus.com and www.gatan.com

### Patent Awarded to XEI Scientific for their TEM Wand for Plasma Cleaning



XEI received a U.S. Patent, “Cleaning Device for Transmission Electron Microscopes,” marketed as the XEI TEM Wand. It is used to remove hydrocarbon contamination from the sample introduction and pole piece regions of TEMs. The Wand consists of a plasma-cleaning device mounted on a hollow rod that replaces the specimen holder and is inserted into the instrument just as if a sample is being exchanged.

XEI Scientific, Inc.  
www.evactron.com

### Semrock Manufactures the World’s First 11-Band Optical Filter

Semrock announced the production of the world’s first 11-band filter with steep edges within a 100 nm wide spectral window. The filter has high transmission and exceptional blocking outside each of the eleven. The unmatched spectral complexity of this 11-band filter was designed specifically to match the corresponding formaldehyde fluorescence emission spikes over the 380–480 nm wavelength range. The filter can be used to investigate the homogeneous charge combustion ignition (HCCI) combustion process.

Semrock, Inc., a Unit of IDEX Corporation  
www.semrock.com

## Nanosight Announces the Launch of the NS300 Platform for Enhanced Fluorescence and Rheological Applications

The NS300 uses the latest version of NanoSight's particle characterization technology, Nanoparticle Tracking Analysis (NTA). The NS300 can visualize and measure particles in suspension in the size range 10–2,000 nm; addresses applications including protein aggregation, exosome and microvesicle research, and drug delivery systems; characterizes materials under the new EU Definition of Nanomaterials; and is particularly suited to analysis of particles labeled with fluorescent quantum dots.

NanoSight Limited  
www.nanosight.com

## Prior Scientific Motorized Stages are Now Compatible with Meiji Techno's Range of Optical Microscopes

Prior Scientific announced its collaboration with Meiji Techno Microscopes to supply OptiScan® and ProScan® series motorized microscope stages, focus, and other automation components for Meiji's range of optical microscopes. Prior's motorized stage systems have been configured to operate with Meiji's range of inverted and upright microscopes, creating versatile and affordable microscope automation solutions for a huge variety of applications.

Prior Scientific, Inc.  
www.prior.com

## Agar Provides Improved Standards for AFM with Geller NIST and NPL-Traceable Calibration Samples

Agar Scientific is known for the quality of its wide range of calibration standards for Electron Microscopy. For AFM users, Agar now offers the Geller reference standards MRS-3, 4, and 5, which are a series of high-quality standards that are NIST/NPL-traceable. These certified reference materials are generated using the magnification calibration procedures for optical, video, and scanning microscopies as described in ASTM method E766-88.

Agar Scientific  
www.agarscientific.com

## TMC Names Jon Harman Director of Asian Sales and Marketing

TMC, a unit of AMETEK Ultra Precision Technologies and a manufacturer of precision floor vibration control, has appointed Jon Harman as Director of Asian Sales and Marketing with responsibility for managing all aspects of TMC's sales in Asia. Mr. Harman will lead the expansion of TMC's sales and service organization in Asia, working with customers, agents, and distributors, as well as identifying and establishing appropriate channels for TMC's products in each country.

TMC and Precitech are both units of AMETEK Ultra Precision Technologies  
www.techmfg.com

## CRAIC Technologies Raman Spectral Surface Mapping™ Capability

CRAIC Technologies announced Raman Spectral Surface Mapping™ (S2M™) capabilities for its Apollo™ Raman microspectrometer line. S2M™ gives CRAIC Raman microspectrometer users the ability to map the Raman spectral variation of their samples with microscopic spatial resolution. Surface profiles can be created from Raman microspectral data from the CRAIC Apollo™ Raman microspectrometer. Apollo™ Raman microspectrometers can now create highly detailed spectral maps with micron-scale resolution of Raman spectral features rapidly and automatically.

CRAIC Technologies, Inc.  
www.microspectra.com

## Carl Zeiss Introduces Open Application Development for ZEN Software

The open development programming environment in ZEN enables users to create, test, and repeatedly run macros. In addition, ZEN offers a plug-in to the ImageJ and Fiji Open Source programs. Thus, users have a variety of existing scripts for image editing and analysis at their disposal. In order to make the widest possible variety of functions available to the individual ZEN user, Carl Zeiss is launching an internet-based platform in parallel.

Carl Zeiss Microscopy, LLC  
www.zeiss.com/micro

## ZEISS Invests in UK Operations through Expansion of Cambridge Site

The UK manufacturing and sales divisions of Carl Zeiss have cemented their roots in Cambridge with an expansion of their existing production site and the construction of new application laboratories, sales and service offices, and customer facilities. The Cambridge site is one of 20 ZEISS construction projects currently underway around the world. The goal is to achieve a modern working environment for all employees with a consistent corporate design.

The Carl Zeiss Group  
www.zeiss.de

## Photon Control Proudly Releases New SpecSoft Pro Software for its Spectroscopy Line of Products

Photon Control's SpecSoft Pro is feature-rich operating software that is capable of communicating with all of Photon Control spectrometers through USB 2.0 Hi-speed connection, providing a real-time interface to a variety of visualization and signal processing functions. SpecSoft Pro has two operating modes: continuous or hardware-triggering mode. The software can calculate and log peak profile parameters including FWHM (full width half maximum), Gaussian Center, and Amplitude.

Photon Control Inc.  
www.photon-control.com