OPTO-DIGITAL MICROSCOPE

The new DSX100 is a free-angle, wide zoom opto-digital microscope. Combining free-angle functionality with even, user-controlled illumination and the ability to stitch images on screen, the DSX100 provides a large field of view to ensure that users can obtain the complete picture, with advanced clarity. This, in combination with its long working distance, solid build, and easy-to-use GUI make the DSX ideal for any user working across R&D and quality control in the industrial environment. Designed to meet the needs of entry-level and advanced users alike, the DSX100 opto-digital microscope combines an easy-to-use, intuitive touchscreen interface with advanced functionality. The free-angle design of the microscope allows users to view samples from all sides, without the need to move the sample, recalibrate, or refocus. Designed with a low center of gravity and a sturdy frame, shifting the zoom head does not cause the microscope to come out of alignment, or any discomfort to the user.

Olympus
For info: +49-40-23773-0 | www.microscopy.olympus.eu

INFRARED IMAGING SYSTEM

The Odyssey Clx Infrared Imaging System is the latest addition to Li-Cor’s line of imaging systems. The Odyssey Clx features a new autofocus function that saves time and removes the need to re-image data to find the correct intensity. This new function eliminates image saturation and offers a dynamic range greater than six logs. The Odyssey Clx uses the latest version of the Li-Cor Image Studio software. It is an extremely simple and easy-to-use imaging software that simplifies new user training. Image Studio features an intuitive, application-driven ribbon interface. The Odyssey Clx is based on Li-Cor’s proven infrared technology that has become the established technology for sensitive and quantitative Western blot imaging. It is the most flexible and multifunctional infrared imager offered by Li-Cor, supporting many applications, including quantitative Western blots, cell-based assays, protein arrays, small animal imaging, protein and nucleic acid detection, and microwell assays.

Li-Cor
For info: 800-645-4267 | www.licor.com

IMAGE ANALYSIS SYSTEM

The PXi is a new high resolution, multiapplication image analysis system. This powerful system is well suited for scientists who want a compact, one-click method for accurately imaging chemiluminescent and fluorescent blots as well as 1-D gels stained with any type of fluorescent dye. The innovatively designed compact PXi, with its high resolution 6.3 megapixel camera and large fixed aperture lens, can quickly image even the faintest bands. It is easy to fit a range of lighting, including IR lighting and filter options, inside the PXi system, and by using the intuitive GeneSys imaging software, the PXi can be rapidly set up to automatically select the best conditions. The accurate image analysis software, GeneTools, comes with the PXi saves valuable time by automatically producing results in seconds, including 1-D lane analysis, molecular weight, and quantity calculations.

Syngene
For info: +44-(0)-1223-727123 | www.syngene.com

BIOMOLECULE IMAGE CAPTURE

The ImageQuant LAS 500 is designed for fast and easy imaging of chemiluminescent Western blots, fluorescent proteins, DNA gel stains, and white light imaging of colorimetric stains and markers. The system offers high sensitivity with a wide dynamic range and enables detection of picogram levels of chemiluminescent samples. All tasks on the ImageQuant LAS 500 are controlled via the integrated touchscreen including the automatic overlay function, which allows users to compare chemiluminescent samples to a colored molecular weight marker and estimate the detected proteins’ size and orientation on the membrane. The system is fitted with a 16-bit, 8.3 megapixel Peltier cooled CCD camera with a 30 mm fixed focus lens that cools to -25°C in less than 5 minutes, enabling rapid image capture. Able to be installed within minutes, without the need of a service engineer, the ImageQuant LAS 500 has a lab footprint similar to a typical laptop computer (30 x 28 cm).

GE Healthcare
For info: 800-526-3593 | www.newwesternblotting.com

MICROSCOPY SOFTWARE

The latest Spot 5.0 Advanced Software is a comprehensive imaging toolkit for Spot digital microscope cameras with many added features. Exposure settings are optimized for specific microscope illumination techniques. The magnifier improves focus by providing a close-up view of hard-to-see areas of your specimen. Measurements, reticles, scale bars, and other annotations can now be applied to live mode as well as to static images. Repetitive imaging tasks can be simplified with simple macros, user-defined taskbars, and custom dialogs. Microscopists capturing fluorescence images can merge and colorize images to easily differentiate fluorophores. Images can be archived into a customizable database, dropped into your custom report for printing, or saved for journal submission. The Spot 5.0 Advanced software is also the base platform for peripheral device control, quantitative imaging, and extended depth of focus modules, so it is expandable if your application requires more specialized functionality in the future.

Spot Imaging Solutions
For info: 866-604-7768 | www.spotimaging.com

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