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Digital, confocal and stereo microscopes highlighted by Zeiss at MD&M East Expo

June 13, 2017

ZEISS announces it will be highlighting powerful digital and stereo microscopes ideal for medical manufacturing quality control and assurance applications at Medical Design & Manufacturing (MD&M) East Expo and Conference, which takes place June 13-15, 2017 at the Jacob K. Javits Convention Center, in New York, NY.

Visit Booth #2107 to see ZEISS Smartzoom 5 digital microscope and ZEISS Stemi 508 stereo microscope. Information on ZEISS Smartproof widefield confocal microscope will be part of a poster display at the booth.



The ZEISS Smartzoom 5 on display is a smart digital microscope ideal for quality control and quality assurance applications. Quick and easy to set up, fully automated, and equipped with dedicated quality assurance and quality control components, ZEISS Smartzoom 5 is so simple to operate that even untrained users will produce excellent results. A macro recording mode enhances the workflow for repeat sample analyses of the same type in a step-by-step manner.

Stop by the booth to see ZEISS Stemi 508, a quality stereo microscope with mechanics and optics designed for the heavy workloads of industrial inspections. With apochromatic optics, Stemi 508 displays samples with rich detail, in sharp focus, and free from distortion or color fringes.

The large 8:1 zoom enables users to get an overview within a 35 mm object field, and then bring the detail up to 50x magnification with impressive stereoscopic image contrast. With its lower viewing angle, Stemi 508 offers better ergonomics than any other Greenough-type stereo microscope.

Visitors to the booth can view a poster displaying the advantages of ZEISS Smartproof 5, an integrated widefield confocal microscope for surface analysis in quality assurance and quality control. Fast, precise, and repeatable, ZEISS Smartproof 5 is ideal for roughness and topographical characterization. It is a good choice for QA/QC departments, production environments and R&D labs.

The high quality ZEISS Smartproof 5 is driven by the powerful ZEISS Efficient Navigation (ZEN) software, which provides maximum user comfort and increased productivity. The microscope system provides 3D reconstructions and roughness measurements for a wide range of work piece surfaces. Users benefit from an integrated design, repeatable results, and high throughput.

Along with equipment from ZEISS Microscopy, ZEISS Industrial Metrology will also be featuring instruments used for medical device manufacturing quality assurance and control. On display at Booth #2107 will be ZEISS O-INSPECT 322 multi-sensor optical-contact scanning measuring machine and ZEISS SURFCOM NEX dual sensor measurement technology. Also to be shown is ZEISS COMET L3D 2 ultra-compact 3D sensor, ZEISS METROTOM industrial computer tomography system, and ZEISS CONTURA compact coordinate measuring machine.



Source:

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The Microscopy business group at Carl Zeiss is the world's only manufacturer of both light and electron microscopes. The company's extensive portfolio enables research and routine applications in the life and materials sciences.

Their product range includes light and laser scanning microscopes, electron and ion microscopes and spectrometer modules. Users are supported for software for system control, image capture and editing.

Carl Zeiss Microscopy has sales companies in 33 countries. Application and service specialists support customers around the globe in demo centres and on site.

The business group is headquartered in Jena. Additional production and



development sites can be found in Oberkochen, Göttingen and Munich, as well as in the UK and the USA. The company has around 2,500 employees and generates revenue of 620 million euros.