

Towa Optics enhances distribution network

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Towa Optics is the authorized distributor of many reputable international companies such as Nikon, (Japan), Media Cybernetics (USA), Linkam (UK), Thermo Electron (USA) and Laboratory Imaging (Czech Republic). It provides various instruments and equipments like biological microscopes, image analysis systems, cooled/uncooled scientific cameras, semiconductor inspection equipment, controlled environment equipment and histopathology/cytology products.

The company supplies microscopes for different category of users from basic student microscopes to the advanced motorized microscopes for research and diagnostic laboratory users from Nikon including upright microscopes, inverted microscopes, stereozoom microscopes, multizoom microscopes, confocal scanning laser microscopes, digital microscopes and intergrated live cell imaging systems. The company supplies Nikon's new BioStation incubator imaging systems that take live cell imaging to new levels of sophistication by providing consistent environmental control of temperature, humidity and gas concentration when managing, observing and recording cell growth, morphology, and protein expression in culture.

Other products offered include Biostation IM that delivers remarkably high signal to noise ratios, producing fluorescence images that reveal more than ever before and BioStation CT, the world's first integrated cell culture observation device that allows imaging experiments to be conducted without ever removing the cells from the incubator. Consisting of a standard sized tissue culture incubator with an inverted design microscope inside, BioStation CT holds 30 vessels ranging from 24 well plates to 75cm² flasks, which are moved between the microscope stage and the vessel rack via a robotic device while maintaining precise levels of CO₂, humidity and temperature.

Pathology equipments supplied by the company include tissue processors, pathology workstations, microtome, cryostats, cytocentrifuge, tissue embedding systems and slide strainers. Towa also offers a broad array of high-quality centrifuges from

Thermo Fischer Scientific, USA, to support applications including clinical and blood banking, microbiology, tissue culture, molecular biology and genomics, drug discovery, and proteomics.

The company also has image processing software for scientists and professionals in research, medicine, production and quality control from Media Cybernatics. Towa Optics also has cryo-preservation systems from Thermo Scientific designed to meet the rigorous storage requirements of cryogenic samples and ultra-low temperature (ULT) freezers designed to store and protect critical samples.