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Tomey USA launches its latest innovation in corneal endothelium photography

TOMEY EM 3000 Specular Microscope

Phoenix, Arizona –Tomey USA, is the sales and marketing partner for Tomey Japan in North America unveils its latest FDA approved device, the EM 3000 specular microscope. Tomey is a recognized leader in the eye care industry and is committed to the continual improvement of diagnostic technology in corneal topography. Since endothelial cells are one of the most important structures in the cornea, their morphology and concentration must be carefully evaluated through a magnified and direct view most effectively done through specular microscopy. The EM 3000 combines a fully automated color touch screen feature with an easy-to-use client interface that offers superior imaging of the corneal region. Eye care specialists will benefit, as the device is vastly more affordable as well as providing equivalent accuracy against other competitive models. Tomey USA recently exhibited the EM 3000's capabilities and functions at the 2008 American Academy of Ophthalmology trade show in Atlanta, GA to rave reviews from many of the physician attendees.



The EM 3000 provides ease of operation with its performance accuracy for optometrists and ophthalmologists alike with the incorporation of auto alignment and auto shot functions at the touch of a finger. The modern color touch screen advantage markedly displays the images of the corneal endothelium, providing a more comprehensive visual understanding of cellular condition with quick and automatic analysis without the use of personal computers.

Its serial photography feature allows for a sequence of 15 shots to be taken, with the most accurate photo displayed onscreen. Its 7-fixation points provide for wide photographing even on an irregular corneal surface while simultaneously measuring corneal thickness. Should automatic photographing prove difficult, the device permits manual photography using the power joystick. The EM 3000 opts out of the conventional xenon lamp as it requires costly maintenance and instead implements the use of a long life LED light source.

Not only is the EM 3000 an essential diagnostic tool to reference corneal data and guarantee optimum patient care but it is also a machine that can be utilized daily to monitor and detect abnormal variation in cellular size (polymegathism) and shape (pleomorphism) to ensure early diagnosis of endothelial disease.

“We are aware of technology’s progressive ingenuities and are enthusiastic to be able to offer upgradability of the EMS 3000’s software at any point, in an effort to provide physicians with the optimum functionality today and in the future,” states Cecil Swyers, President of Tomey USA. “The EM 3000 is a revenue generating investment for any eye care specialist in today’s practice environment.”

About Tomey: For over 40 years, Tomey has emerged as the worldwide leader in the eye care industry. Its mission is simple; deliver the highest quality of devices that are dually cost affordable and easily operable. With its incorporation of modern touch screen technology and comprehensive software. The complete line of Tomey ophthalmic diagnostic instruments are designed to be efficient and offer effortless user interaction. With seasoned expertise and success in the corneal topographic market, Tomey has managed to extend beyond topography as it offers a line of Auto Lensmeters, Auto Refractors, Auto Refractor Kertometers and Ultrasound systems all utilizing the same initiative for optimum accuracy and operation in patient care and practice. For more information about Tomey products contact TomeyUSA, 2630 E. Mohawk Lane, Suite 136, Phoenix Arizona 85050, or by phone at (888) 449-4045 or visit online at www.tomeyusa.com.