

Quantel Medical Announces Two New Ultrasound Probes at ASCRS

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SAN FRANCISCO, April 20, 2013 /PRNewswire/ -- Quantel Medical today announced the introduction of two new diagnostic ultrasound probes to their flagship ultrasound platform, Aviso™, at the American Society of Cataract and Refractive Surgery annual meeting. The new probes offer improved diagnosis capability for posterior and anterior segment ophthalmic conditions.

The new 50 MHz high-frequency ultrasound biomicroscope (UBM) probe now includes a state-of-the-art magnetic transducer. The scanning motion in the ultrasound is controlled through magnetic fields instead of mechanical movements as in previous versions. This new technology offers a faster scanning process, which has increased the image resolution by one-third. Additional benefits include a lighter-weight design and less vibration when performing an ultrasound, reducing fatigue to the user. The reliability and durability of the probe is also improved by eliminating mechanical components.

The new 10 MHz B-scan probe offers similar benefits for posterior pole diagnosis. This B-scan probe provides superior image quality for viewing and assessment of the detailed structures in the vitreous and the orbital wall. Increased image acquisition rate allows for high-definition characterization of ocular structures and their movements. The dynamic gain functionality of the 10 MHz allows users to adjust settings to find the optimal tissue differentiation in the image, allowing for more visual clarity and better understanding of the condition of the eye.

"These two product introductions reflect Quantel's commitment to developing the most robust and advanced ultrasound technology available to ophthalmologists," stated Mr. Jean-Marc Gendre, CEO of Quantel Medical. "Image quality and ease of acquisition are two critical features that we strive to improve and provide to our customers."

The Aviso ultrasound platform is configurable to include the new 50 MHz and 10 MHz probes, as well as biometry and Standardized echography modules. Quantel Medical's line of posterior and anterior segment ultrasound diagnostic systems provide eye care physicians of all specialties with a critical tool for understanding pathology and obtaining accurate measurements.

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