

Accuvix XQ Prestige Edition,
redefining the state-of-the-art in quantitative ultrasound imaging.



ACCUVIX XQ
Extreme Quality in Every Dimension

PRESTIGE

see it all
MEDISON
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Extreme Quality in Every Dimension

ACCUVIX XQ **PRESTIGE**

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CT-U-XQ-PR-CM-09/08/2015



WELCOME TO THE ACCUVIX XQ PRESTIGE EDITION, THE WORLD'S MOST-ADVANCED ULTRASOUND SYSTEM.

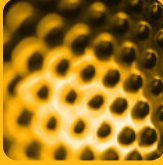
The original Accuvix XQ set the clinical standard for real-time 2D, 3D, and 4D imaging performance without compromises. Now the Prestige Edition once again redefines the state-of-the-art in quantitative ultrasound imaging by delivering even more extreme quality in every dimension.

Only from Medison, the leader in 3D ultrasound.



ACCURACY IN THE EXTREME
 Superior technology delivers superior results. The Accuvix XQ Prestige Edition uses cutting-edge 2D imaging techniques like FullSpectrum™ frequency compounding as well as Doppler-mode innovations like ColorEdge™ processing, high pulse-repetition frequency, and directional power Doppler to produce superior images that will bring new clarity and confidence to your diagnoses.

ACCURACY



RESOLUTION



RESOLUTION IN THE EXTREME
 The Accuvix XQ introduced the world to 3D/4D ultrasound. Now the Accuvix XQ Prestige Edition takes multi-dimensional imaging to the next level with 3D XI™ (3D eXtended Imaging™), a suite of groundbreaking image processing technologies that delivers CT- and MRI-like functionality with unrivaled resolution and accuracy. No other ultrasound system even comes close.



PRODUCTIVITY



PRODUCTIVITY IN THE EXTREME
 The Accuvix XQ Prestige Edition provides all the tools you need to get accurate diagnoses fast. From the intuitive interface layout, advanced Panoramic View and Dual Live visualization modes, and real-time auto trace and calculation in power Doppler mode to a capacious 2,048-frame cine memory and powerful SonoView™ II image management, the Prestige Edition is designed to get more accurate diagnoses with less effort.

**EXTREME QUALITY
 IN EVERY DIMENSION**



CONNECTIVITY



CONNECTIVITY IN THE EXTREME
 The Accuvix XQ Prestige Edition supports the widest possible range of connectivity and archival options, including low-cost DVD backups. Whether connected to a multi-hospital PACS or just a simple office network with PCs running our SonoView™ Pro image management solution, the Prestige Edition seamlessly integrates into collaborative workflows of all sizes.

ACCUVIX XQ
 Extreme Quality in Every Dimension



ACCURACY



While the Accuvix XQ Prestige Edition is first and foremost a next-generation 3D/4D ultrasound platform, its superior real-time performance wouldn't be possible without equally powerful 2D imaging. The Accuvix XQ platform delivers no-compromise 2D imaging with sophisticated imaging technologies like FullSpectrum™ frequency compounding and ColorEdge™ processing in color Doppler mode. The result is exceptionally accurate 2D diagnostic images with superior contrast, resolution, and Doppler sensitivity that will bring a whole new level of clarity and confidence to your diagnoses.



DESCRIPTION ON EXTREME ACCURACY 05/06

The Accuvix XQ Prestige Edition delivers exceptionally accurate 2D images for a whole new level of clarity and confidence.

01

RESOLUTION DEFINED

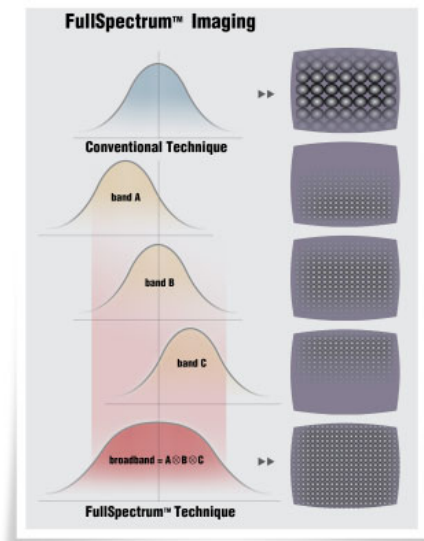
The Accuvix XQ platform uses a powerful high-density lateral imaging technique that effectively doubles native scan resolution. This combined with FINE™ noise reduction and edge enhancement filtering to reduce speckle and enhance boundary delineation ensures you get visually superior diagnostic images with every scan.

BANDING TOGETHER

The Accuvix XQ platform features FullSpectrum™ imaging, a technological breakthrough that ingeniously combines ultrasound information from multiple frequency bands to dramatically reduce speckle and other artifacts. The result is superior images with consistent contrast across the entire field of view and significantly better penetration in difficult-to-view patients.

CONFIDENTLY SENSITIVE

The Accuvix XQ platform also features advanced ColorEdge™ processing in color Doppler mode that ensures a sharper, smoother composite display of the color- and B-mode images for ultra-precise blood flow and velocity analysis. The Prestige Edition adds a high-performance Adaptive Fetal Echo mode that faithfully images the most minute heart movements for absolute diagnostic confidence.



The Accuvix XQ Prestige Edition delivers the most detailed and accurate 3D/4D imaging ultrasound has ever attained.

02

VISUAL REVOLUTION

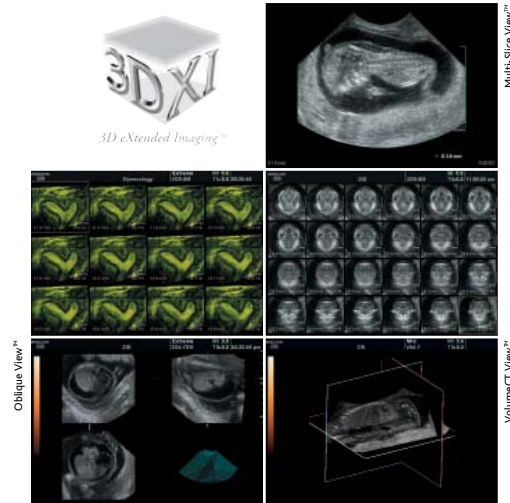
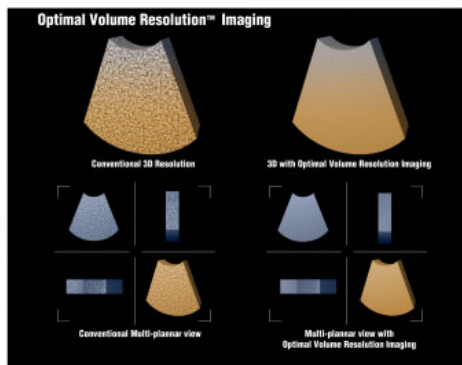
The Accuvix XQ Prestige Edition continues to blur the boundaries between diagnostic ultrasound and radiological imaging with 3D XI™, a trio of breakthrough imaging technologies that delivers amazing CT- and MRI-like visualization capabilities from a single patient scan. Multi-Slice View™ displays 3D volume data as sequential 2D slices with up to 24 images per screen for easy review and comparison. Oblique View™ allows viewing of any user-specified 2D line or contour in the 3D volume for unrivaled diagnostic confidence. And VolumeCT View™ displays all three volume planes in proper 3D perspective, either as navigable cross-sections or a volumetric cube, for a holistic view of the entire region of interest.

REAL-TIME REDEFINED

The Accuvix XQ is the world's most-advanced 3D/4D ultrasound platform. Powered by Optimal Volume Resolution™, a sophisticated rendering engine that delivers extremely high volume resolution with full control over real-time performance, the platform offers selectable high-, medium-, and low-resolution settings. That makes it the first and only 3D/4D system capable of addressing the unique imaging challenges of virtually any specialty with optimized volume resolution and frame rates.

MEASURING UP

In addition to conventional 2D measurements, the Accuvix XQ Prestige Edition offers powerful 3D/4D measurement tools in VOCAL™ imaging mode. Using sophisticated organ-specific contour detection techniques to create highly accurate 3D wireframes of structures, VOCAL™ automates the measurement of organ or growth volumes as well as shell area to determine the degree of vascularization with unsurpassed accuracy.



DESCRIPTION ON EXTREME RESOLUTION 07/08



The Accuvix XQ Prestige Edition introduces the next evolution in Medison's industry-leading diagnostic imaging- 3D XI™, a proprietary suite of advanced 3D/4D image processing technologies that bring unprecedented CT- and MRI-like imaging to the exam room. In short, the Prestige Edition delivers the most detailed and accurate 3D/4D imaging of the human anatomy ultrasound has ever attained.

PRODUCTIVITY



From user interface to diagnostic functionality, the Accuvix XQ Prestige Edition is designed to acquire the highest-quality clinical images with the least amount of time and effort. Advanced features such as auto 2D image optimization, auto trace and calculation in power Doppler mode, 3D ROI optimization, and powerful image management are just a few of the innovations that will simplify and accelerate every dimension of your imaging workflow.



DESCRIPTION ON EXTREME PRODUCTIVITY 09/10

PRODUCTIVE TOUCH

The Accuvix XQ Prestige Edition is designed for maximum productivity. The primary scanning controls are intelligently grouped, with advanced functionality and adjustments available via a high-resolution color LCD touchpanel that virtually eliminates trackball usage for interface navigation. Buttons are oversized and backlit for easy location during exams. And mid-exam probe changes are fast and easy with up to five probes connected and ready for use at the touch of a button.

POWERFULLY SIMPLE

The Accuvix XQ Prestige Edition makes advanced imaging simple. The upgraded visual interface now features edge-to-edge image display for a 25% wider view. Side-by-side display of live 2D- and color-mode images in Dual Live mode or saved cine memory sequences in Dual Cine mode makes direct comparisons of live and saved studies easy. Cine memory has been doubled to 2,048-frames, giving access to over a minute of real-time images for instant review and analysis. Panoramic View automatically resizes linear scans of any length to fit the screen. Sophisticated automation features like QuickScan™ auto image optimization, real-time auto trace and calculation in power Doppler mode, and auto 3D ROI optimization save significant time and effort during exams. And once studies are saved, the included SonoView™ II image management application provides a comprehensive suite of review, analysis, networking, and archival tools that will help you get the most out of your ultrasound investment.

03



The Accuvix XQ Prestige Edition is designed to simplify and accelerate every dimension of your imaging workflow.

The Accuvix XQ platform is designed to meet today's diagnostic needs. And grow with tomorrow's.

04



SEAMLESS INTEGRATION

The optional SonoView™ Pro image management solution turns any modern PC into a PACS-like viewing station with the same functionality and interface as the Accuvix XQ Prestige Edition, including full 3D/4D review and analysis capabilities. And since it fully supports the latest DICOM standard, the Prestige Edition also seamlessly integrates into hospital IT networks, enhancing both patient care and facility efficiency.

ROOM TO GROW

The Accuvix XQ platform supports a full range of third-party PC peripherals including printers, monitors, and USB storage devices. In addition to analog audio and video input and output capability for archiving exams to professional VCRs, the Prestige Edition comes standard with an internal DVD burner for high-capacity, low-cost digital archiving.

AT YOUR SERVICE

The Accuvix XQ Prestige Edition ultrasound system is engineered for maximum reliability and years of maintenance-free operation. In the unlikely event that a technical or service issue should arise, you can count on prompt, professional customer support via phone and e-mail.

DESCRIPTION ON EXTREME CONNECTIVITY 11/12

CONNECTIVITY



Built on an ultra-reliable Windows® 2000 PC platform, the Accuvix XQ Prestige Edition offers the most comprehensive and cost-effective connectivity options in the industry. DICOM 3.0 compatibility is standard for seamless networking and integration with third-party PACS as well as our own SonoView™ Pro image management solution. The system is easily configurable to support patient monitors, VCRs, and other workflow-enhancing peripherals. And it's all backed by prompt, professional customer support from a company that shares your passion for diagnostic excellence.

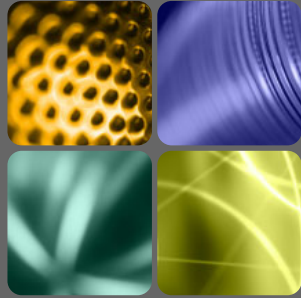


REDEFINING
DIAGNOSTIC EXCELLENCE
IN EVERY DIMENSION.

Thank you for considering the Accuvix XQ Prestige Edition 3D/4D ultrasound system!

When you purchase an Accuvix digital ultrasound system, rest assured that you are getting a quality system from an industry innovator solely focused on bringing you the latest advances in diagnostic ultrasound imaging.

Today, we continue to expand the frontiers of 3D/4D ultrasound with industry-leading technologies like 3D XI™. One of many reasons why Accuvix XQ Prestige Edition is extending the boundaries of ultrasound technology into other imaging modalities and continuing to redefine diagnostic excellence in every dimension.



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Extreme Quality in Every Dimension

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