

TOSHIBA



Xario
Prime Ultrasound

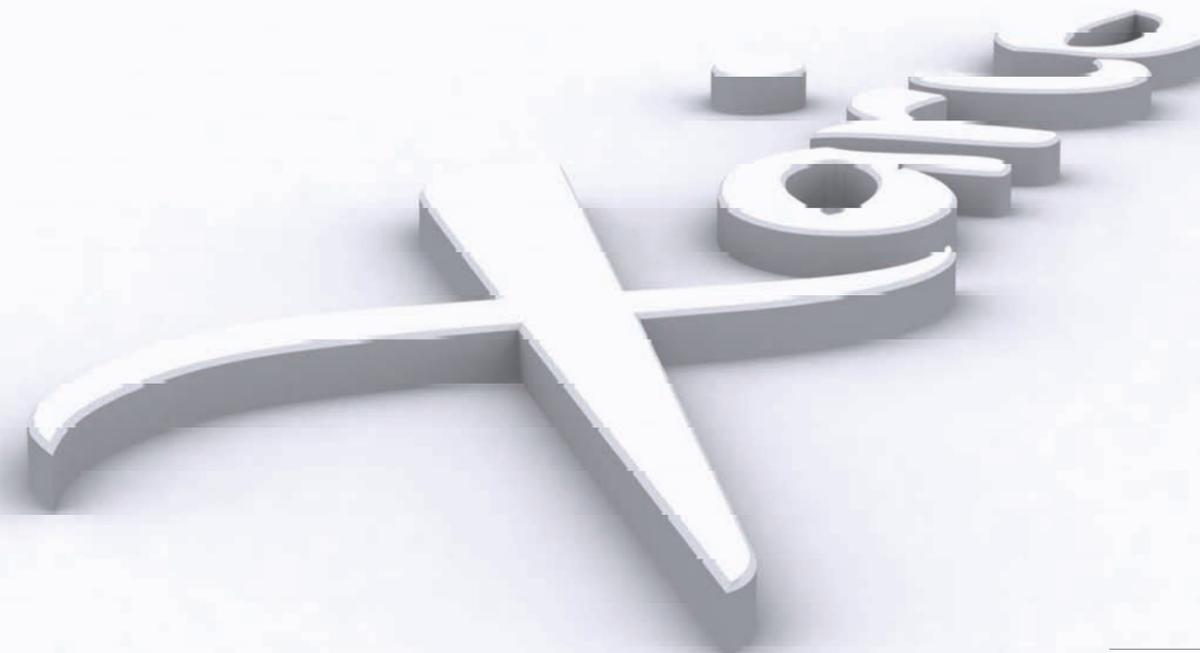


M Meet your challenging clinical demands with outstanding performance and comfort

With Xario™, Toshiba brings premium technology to an affordable platform of compact, stylish design. Xario combines the highest level of performance with ergonomic design to meet the fast-paced demands of your daily practice with speed and diagnostic confidence.

Xario's powerful system architecture, whose intelligent components work and communicate autonomously, supports the most advanced imaging functions. Xario is also easy to upgrade, to keep you abreast of new ultrasound techniques.

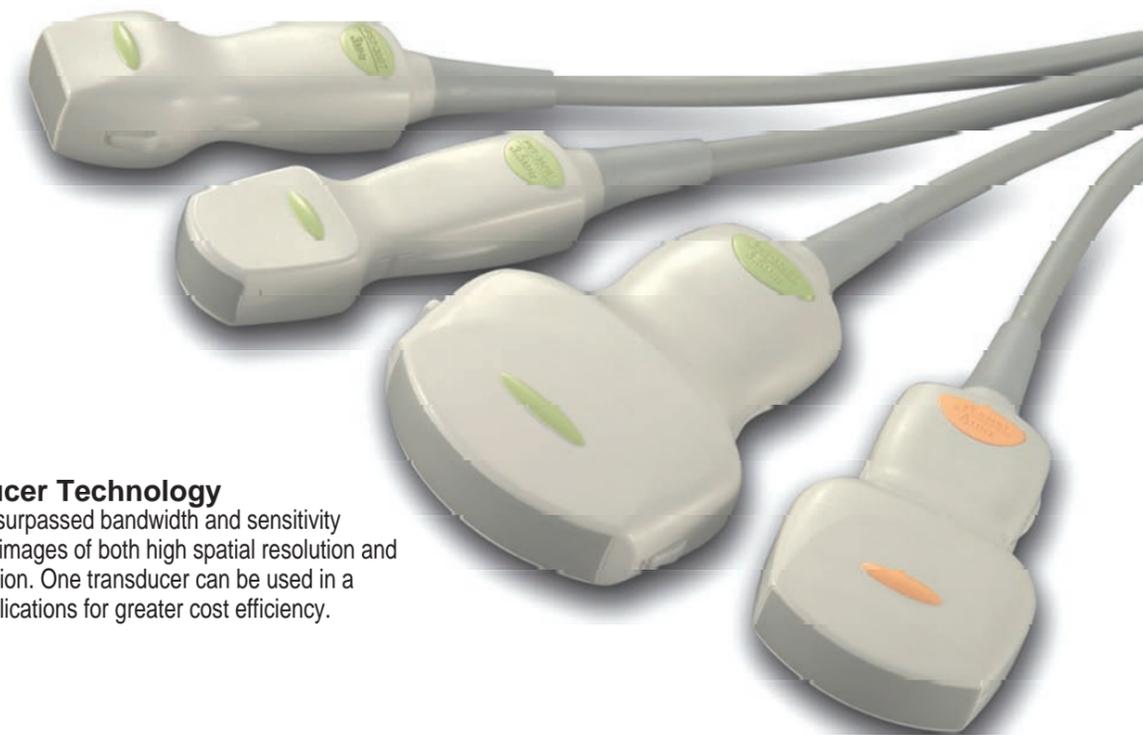
Excellent diagnostic performance. Operator comfort that inspires productivity. And outstanding connectivity features. Xario. Quite simply, the prime ultrasound system for a wide range of clinical applications.



Gain greater diagnostic confidence

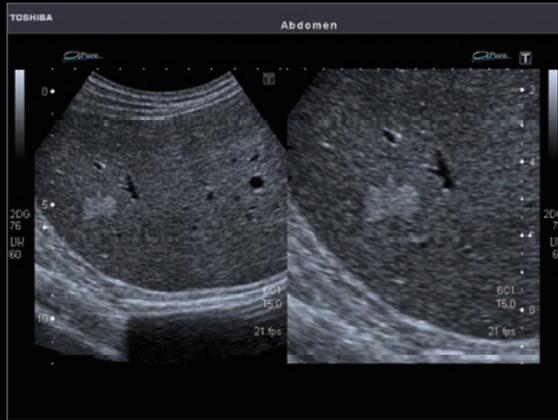
with advanced, clinically proven technologies

Xario offers unsurpassed image quality, backed by unique, clinically proven technologies. Its full range of advanced imaging functions lets you visualize minute tissue details and vascular structures with precision, for a faster, more accurate diagnosis. Xario's transducers deliver superb image quality and respond with outstanding versatility to a wider range of applications.



- **XBT Transducer Technology**
Transducers of unsurpassed bandwidth and sensitivity enable ultrasound images of both high spatial resolution and increased penetration. One transducer can be used in a wider range of applications for greater cost efficiency.
- **Pulse Subtraction™ THI**
Optimizes spatial and contrast resolution in grayscale imaging. A standard feature with all Xario transducers.
- **ApliPure™**
Real-time compounding delivers images of outstanding clarity and detail, while preserving clinically significant markers.
- **Advanced DYNAMIC FLOW™**
Brings superior spatial resolution to Color Doppler. Depicts even tiny vessels and flow around plaques with improved accuracy and detail.
- **Low MI Pulse Subtraction™**
Real-time Contrast Imaging with outstanding sensitivity in an easy-to-use package for daily practice.
- **Trapezoid Imaging**
Extends the field of view for a better overview of the region of interest in both grayscale and Color Doppler modes.
- **Panoramic View**
Reconstructs a single wide-view frame from continuous ultrasonic images for improved visualization of widespread regions and anatomical relationships.
- **Fast Fusion 3D**
Provides clear 3D images of complex structures, such as tumors and their feeding vessels, with simple operation.

See more details easily
with simply uncompromised image quality



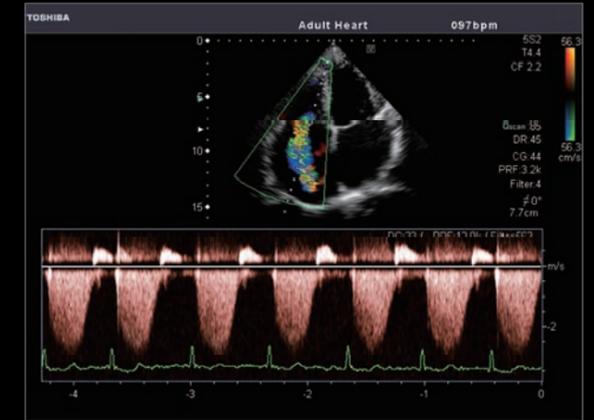
Liver haemangioma, ApliPure demonstrates excellent border definition and contrast resolution.



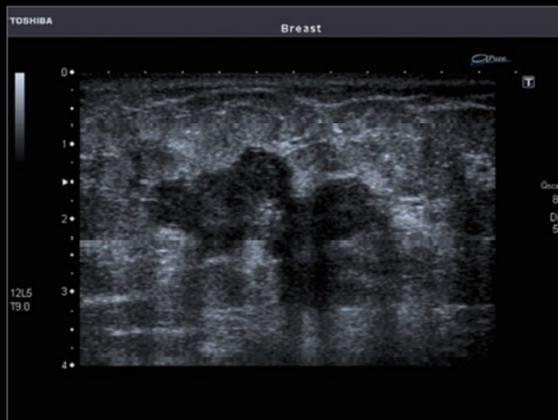
Renal perfusion, presented with high sensitivity and spatial resolution using ADF.



Bicuspid aortic valve with LV hypertrophy, imaged with XBT technology, optimized with QuickScan.



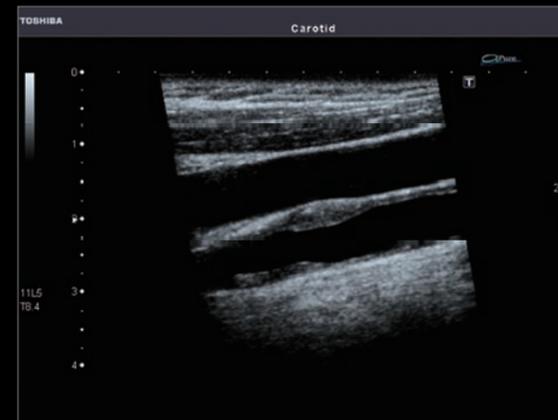
Tricuspid Regurgitation, CWD shows full spectrum of regurgitant jet backed by XBT technology.



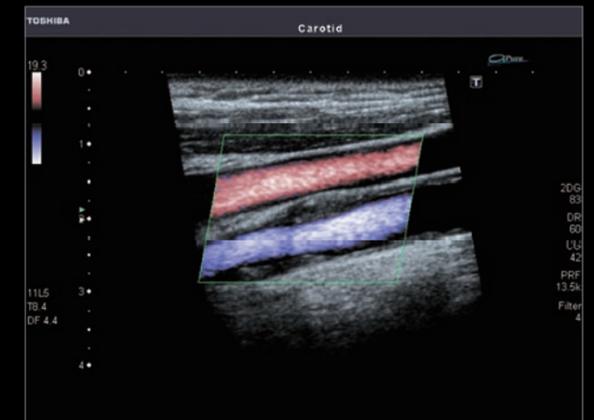
Breast mass, Pulse Subtraction THI and ApliPure depict micro-calcifications clearly.



Parotid tumor, Panoramic View widens the field of view to reveal possible infiltration into muscle.



CCA soft plaque, minute structural details become visible with ApliPure and Pulse Subtraction THI.



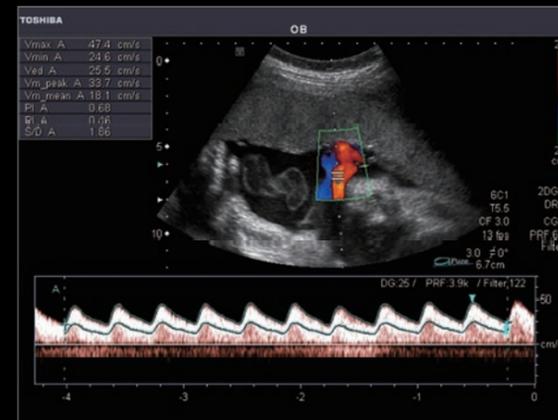
CCA soft plaque, ADF displays flow around plaque with high resolution and no overpaint.



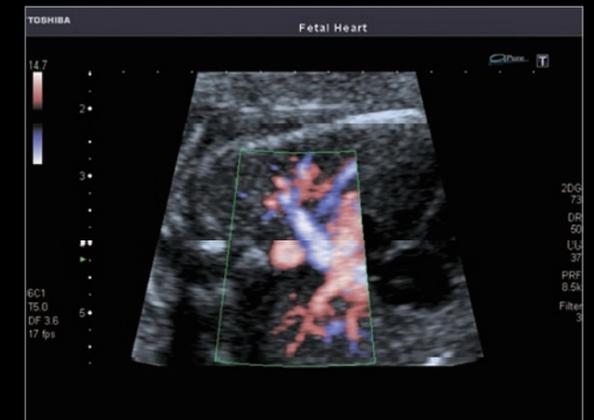
Uterus, Pulse Subtraction THI and ApliPure show minute details in an endo-vaginal scan.



12 weeks pregnancy, trans-abdominal scan using XBT, ApliPure and Pulse Subtraction THI.



Umbilical artery flow, Triplex mode provides good overview, Auto Doppler Trace simple and accurate measurements.



Fetal pulmonary flow, ADF enables to resolve individual vessels, while ApliPure maintains high grayscale resolution.



Inspire your productivity with tools that improve comfort and efficiency

With Xario, comfort and efficiency translate into higher productivity. Xario gives you abundant features that improve operator comfort and efficiency of movement while helping you streamline your workflow. Xario's user interface provides ultra-fast operation with push-button simplicity, and is programmable for flexible response to user preferences or clinical needs.

● Ergonomic User Interface

- Programmable key functions and exchangeable key tops make main panel customization easy.
- Central Palm Controller lets you access all major functions with minimal hand movement.
- Mode-sensitive Color Touch Command Screen simplifies selection of advanced functions.
- Elevating panel and monitor adjust quickly to operator eye-level and posture.



● QuickScan

- Optimizes 2D gain level instantaneously with acoustic precision.
- Suppresses white noise in echo-weak regions automatically.
- Reduces scan time for a faster, more accurate diagnosis.
- Improves consistency of workflow and overall quality of exams.



● IASSIST™

- Enables full remote system operation using wireless Bluetooth™ technology.
- Lessens operator stress by enabling comfortable scanning positions.
- Simplifies complex exams with one-button execution of user-defined protocols.
- Reproduces complex and routine exams using optimum scanning conditions.



● Mobile Applications

- Compact, easy-to-move housing with smallest footprint in its class.
- Fast standby-mode ensures ease of mobility even in acute situations.
- Space for integrated peripherals makes system transport safe and simple.
- Integrated data management system allows convenient onboard storage and review of exams.



Improve your workflow

with flexible solutions tailored to your needs

Xario's integrated data management system offers superior performance in archiving and reviewing of exams. With an extensive range of networking and storage functions the Xario integrates seamlessly into all clinical environments enhancing workflow and convenience of use.

- **Patient and Image Management System**
Fast and efficient printing, storage and network transfer of patient data, still images, clips and structured reports.
- **DICOM connectivity**
Supports all 7 DICOM service classes using a non-proprietary format to connect to all kinds of hospital networks
- **Local documentation**
 - ▶ Standard optical disk drive.
 - ▶ Optional fully integrated medical printer or high-resolution DVD recorder.
 - ▶ DVI interfaces for truly digital connection to external devices such as additional monitors.
- **Patient Browser**
Convenient onboard review of studies, including structured reports, and easy export of images and clips to PC-compatible formats.
- **External Workstation**
Convenient reporting, storage and review of current or past exams wherever and whenever needed.



GLOBAL INNOVATION BY DESIGN



For over 125 years Toshiba's research and development has improved the health and welfare of people around the world. Today, Toshiba Medical Systems offers a full range of diagnostic imaging products and is a reliable service partner in more than 110 countries.

As of 2004, Toshiba Medical Systems has shipped over 150,000 diagnostic ultrasound systems worldwide, an industry record. According to our **Made for Life™** commitment we will continue to develop innovations that improve patient care and provide lasting quality for a lifetime of value.

Xario



TOSHIBA MEDICAL SYSTEMS CORPORATION

<http://www.toshibamedicalsystems.com>

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