

TOSHIBA



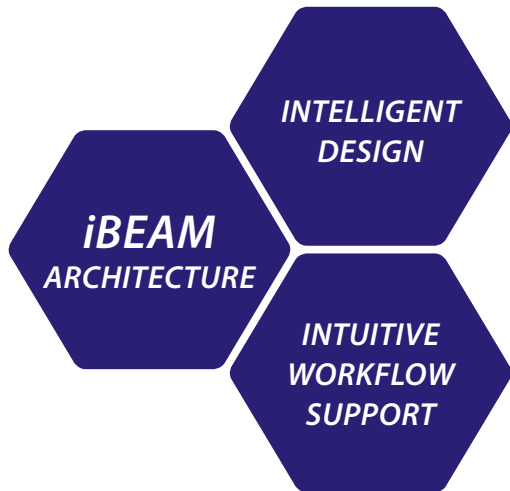
Aplio i900

Intuitive. Intelligent.
Innovative.

Cardiovascular Imaging

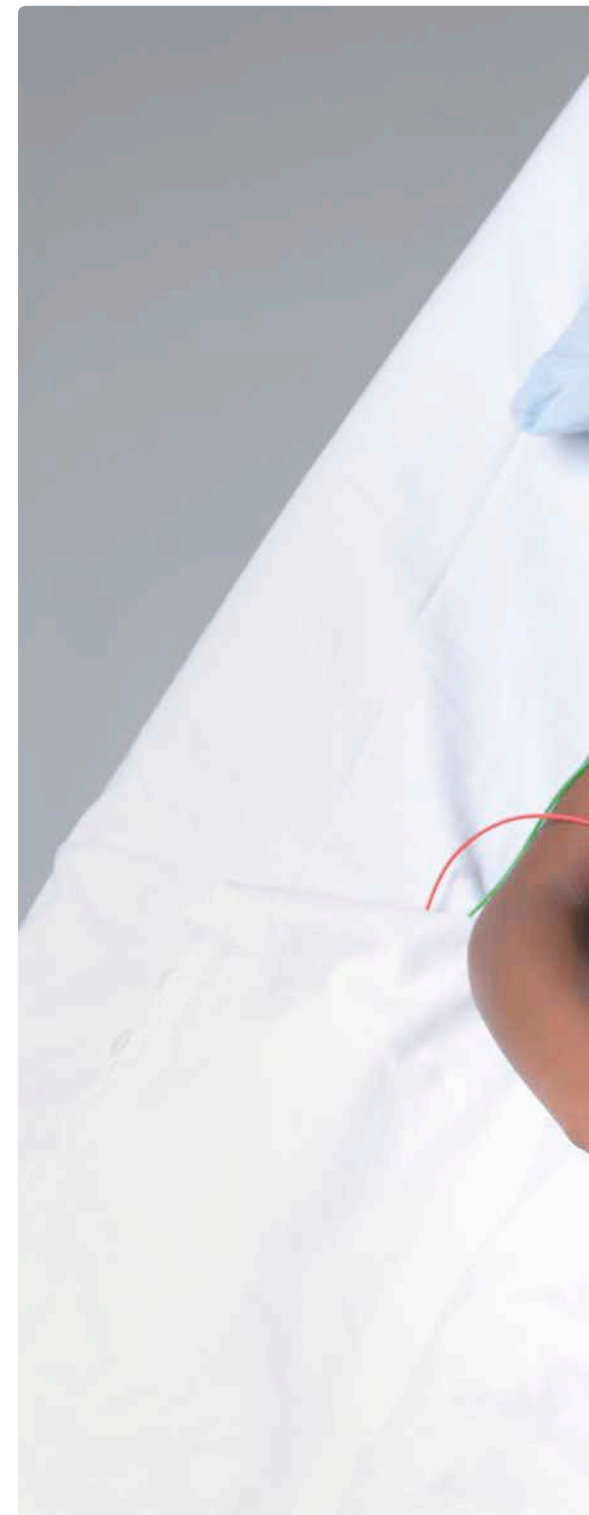


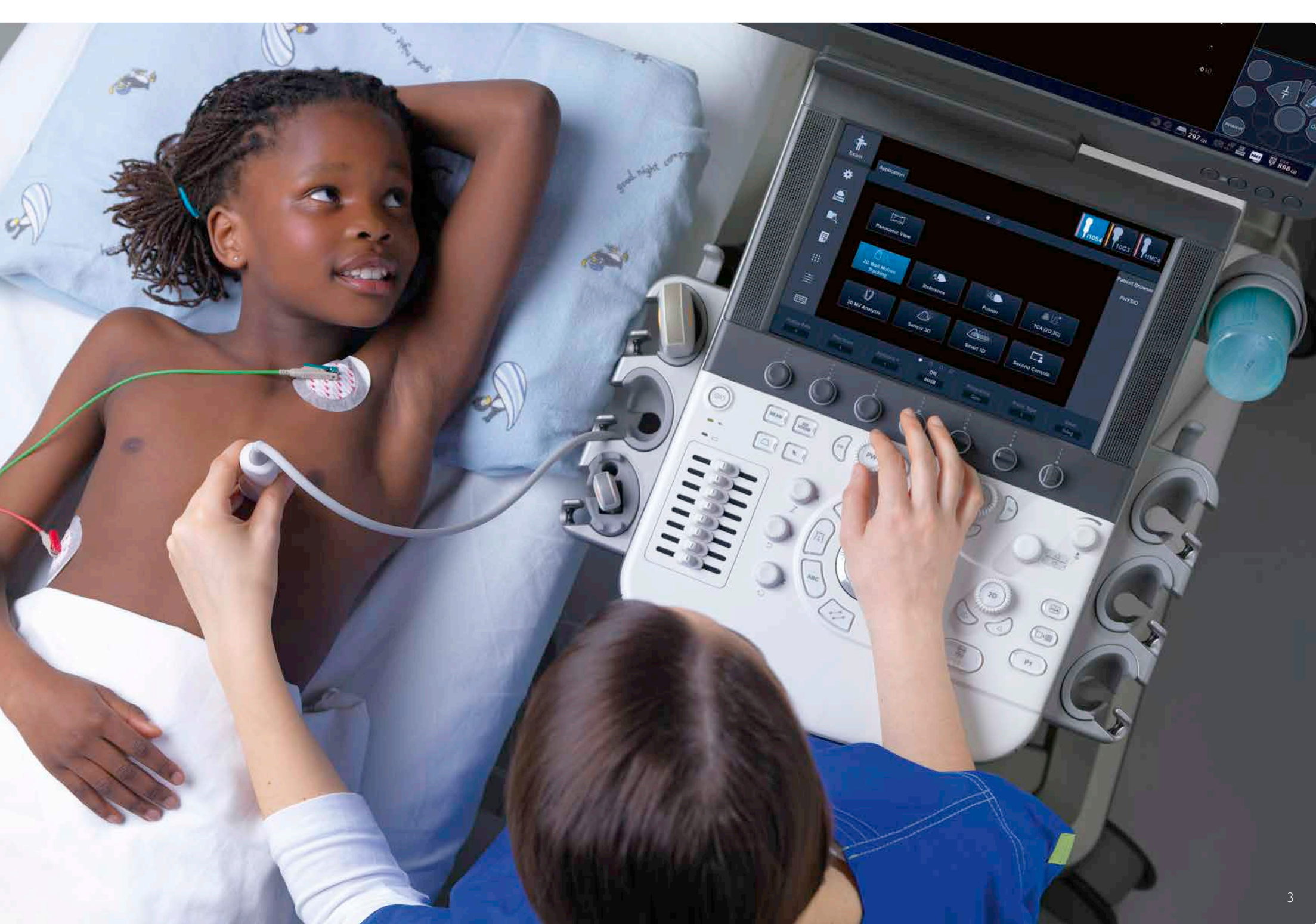
Aplio i900



Getting to the heart of the matter

Meet Aplio™ i900. Engineered to help you get the information you need to make confident decisions quickly, Aplio i900 elevates cardiovascular imaging to a new level of imaging precision, diagnostic performance and productivity.





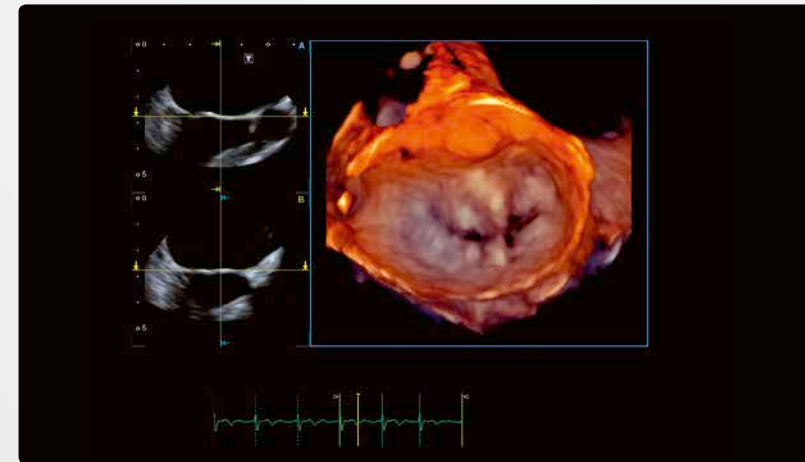
Crystal-clear imaging, superior versatility

From the smallest to the toughest patients, Aplio's revolutionary iBeam architecture with dramatically increased processing power* provides unprecedented imaging clarity and definition while significantly enhancing penetration.

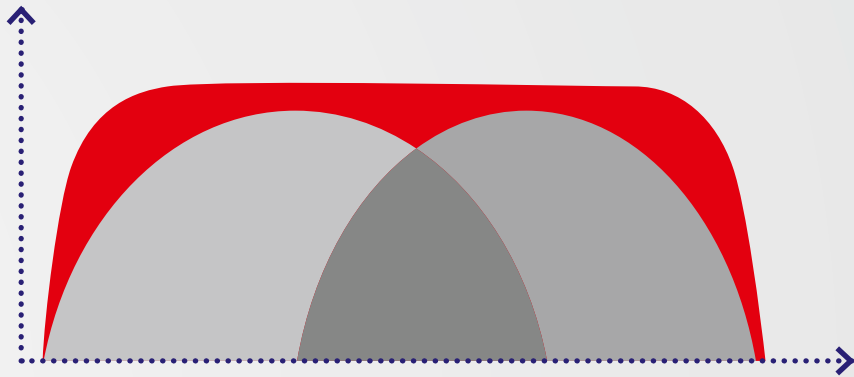


iBEAM
ARCHITECTURE

DYNAMIC
MICROSLICE



Better diagnostics starts here



Aplio's ultra-wideband i-series transducers cover the same bandwidth as two conventional transducers, providing superior sensitivity and resolution for both near and far field. While helping to reduce cost, this revolutionary transducer design can provide better imaging regardless of the patient condition.



Ultra-Wideband
Volume TEE i6SVX2



Ultra-Wideband
Sector i6SX1



Ultra-Wideband
Linear i18LX5

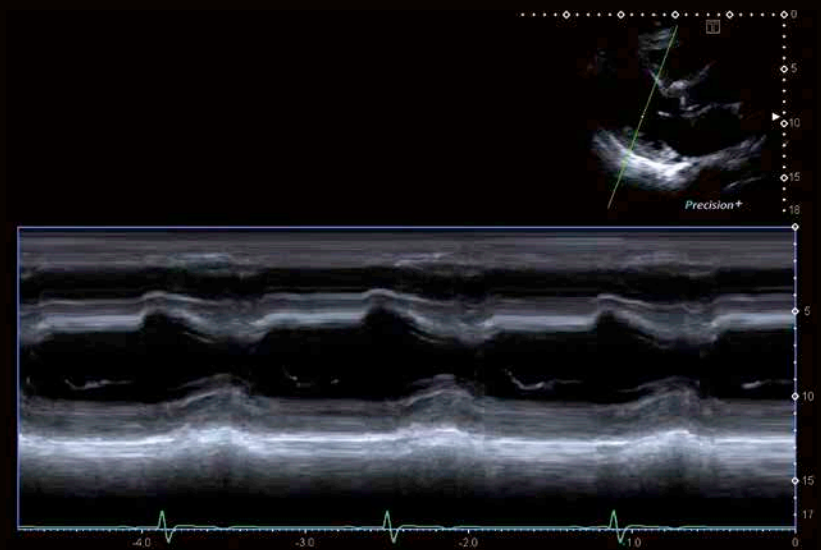


Enjoy the perfect picture

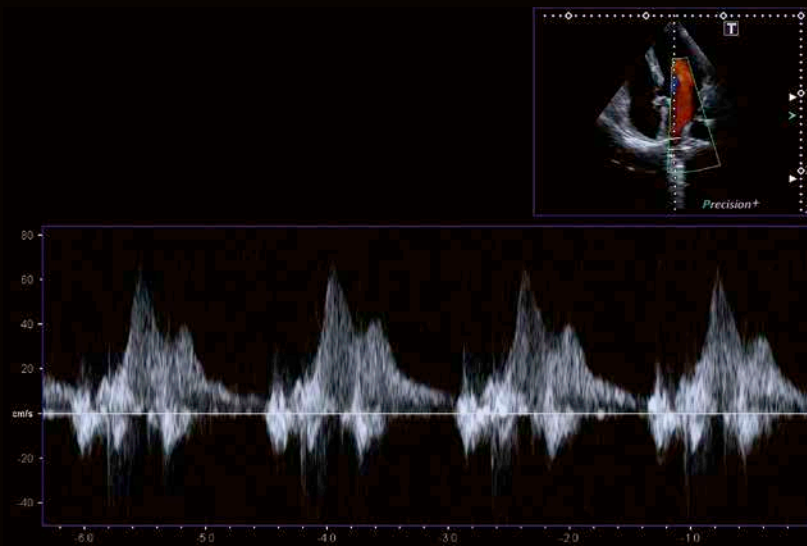
Each of Aplio's unique imaging technologies provides you with better image quality by reducing clutter, strengthening signal and improving visualization. All functions work hand in hand with other imaging modes for greater uniformity across all applications.



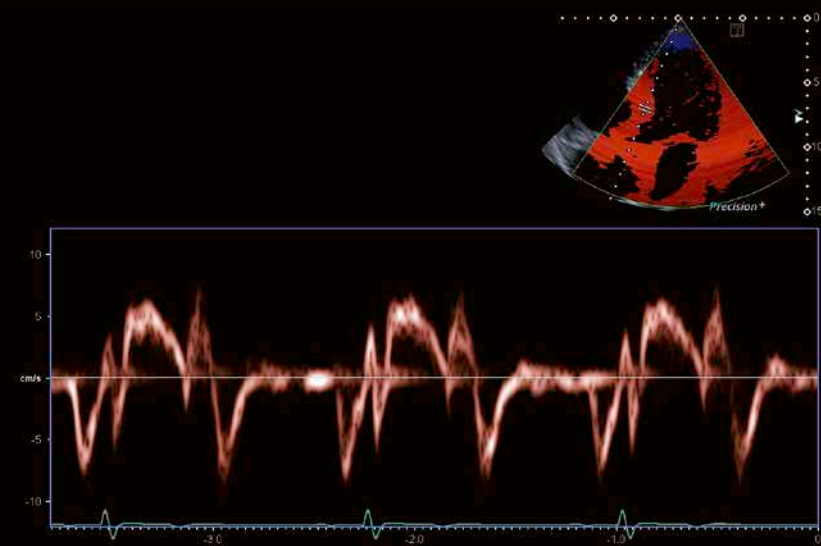
- Tissue Enhancement delivers images of stunning smoothness and clarity with improved endocardial border delineation, especially in difficult patients.



- Flex-M allows you to derive anatomically correct M-mode traces from live or stored 2D images with the same quality as in conventional M-mode.



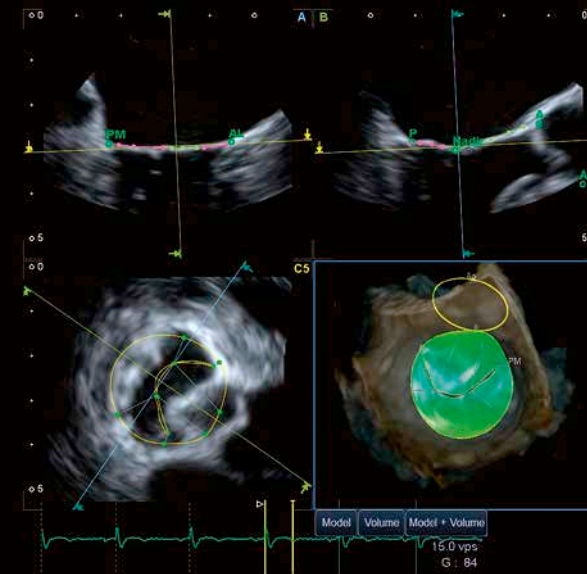
- Aplio's wideband transducer and signal processing technology delivers outstanding sensitivity, penetration and spatial resolution for all Doppler modes.



- Aplio provides you with high frame rate Tissue Doppler images and Pulsed-Wave-TDI traces for a precise timing of cardiac events in both visual and quantitative formats.

Clearer vistas, faster results

Aplo's volume matrix transducer enables you to acquire high-quality 4D volumes at high framerate; while the TEE probe's small insertion head offers an improved patient experience. A host of advanced analysis tools allows for in-depth assessment of cardiac anatomy and function.



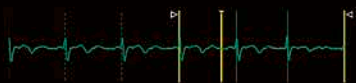
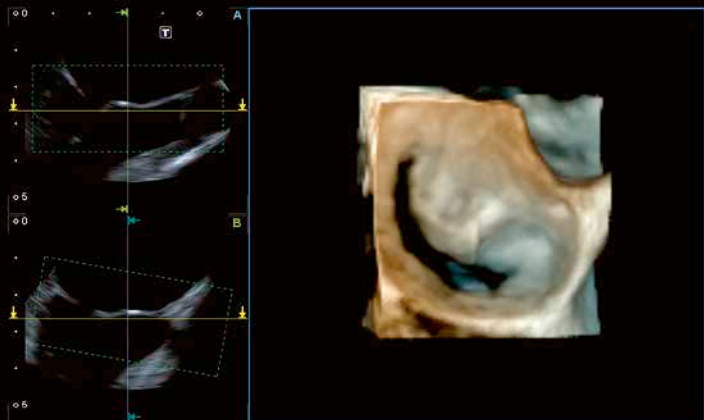
- Aplo's advanced Wall Motion Tracking technology provides immediate visual and quantitative access to global and regional myocardial wall motion dynamics in 2D and 3D.

- The automated MVA tool provides concise anatomic and functional assessment of the mitral valve. The function's quad display offers a clear overview of different scan planes.

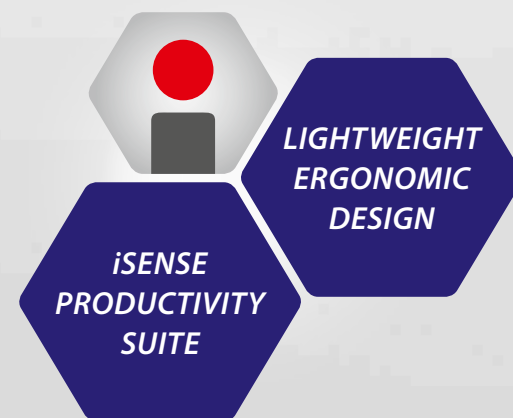


ADVANCED
WALL MOTION
TRACKING

AUTOMATED
MITRAL VALVE
ASSESSMENT



At a simple touch of a button, Aplio demonstrates the mitral valve as seen by the surgeon to facilitate visual assessment of the leaflets for better surgical planning.





Designed with our users in mind

Smaller and lighter, Aplio i900 is easy to maneuver. With over 36 cm panel height adjustment, lateral slide and a fully articulating monitor arm, Aplio i900 helps you to optimally adjust the console to virtually any scanning position.

Aplio makes your work flow

Aplio provides a host of intelligent workflow support and automation tools, helping you to achieve rapid results with consistent high quality regardless of the patient condition.

INTELLIGENT
PANEL

50%
LESS HARD
KEYS

INTERACTIVE
TOUCH SCREEN

Access all areas

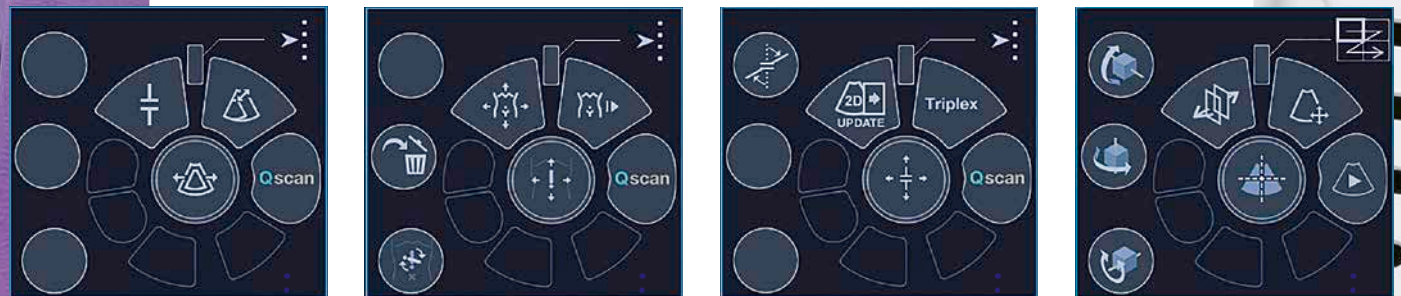
Aplio's large, tablet-style touch screen with three interactive zones allows you to quickly browse and select the desired function, while the rest of the display remains unchanged.



Switch to auto-pilot

Aplio's context-sensitive user interface is designed to make your imaging task simpler and quicker. While automated settings can deal with routine clinical needs, you always retain control over all imaging parameters when needed.

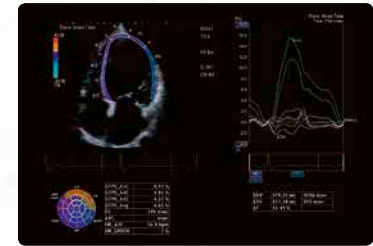
**INTELLIGENT
ON-SCREEN
NAVIGATION**



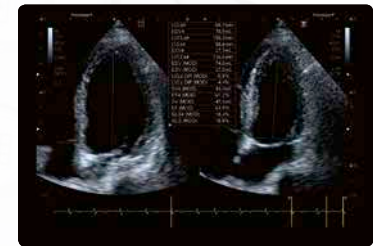
The mode-sensitive on-screen navigation for the central trackball boosts your workflow and efficiency. By visually guiding you through the exam, it allows you to adapt and operate the system within a few minutes.



- Realtime QuickScan allows you to achieve greater consistency in your exams by ensuring that superb image quality is the benchmark at all times.



- Thanks to Aplio's embedded raw data functionality you can optimize, review, analyze and report your clinical data anytime with no loss of functionality.



- A range of automated measurement and analysis tools help you increase accuracy, consistency and speed of your exams.

Go wireless to gain better access

Aplio i-series allows you to remotely operate the system from a wireless tablet. This is especially helpful during MSK and vascular exams where it can be difficult to scan a patient and reach the panel at the same time, without losing sight on the monitor.

The wireless tablet is also ideal for scanning in mobile environments, sterile situations and for infection control to protect the system from possible contamination.



**REMOTE
ACCESS**



Aplio's raw data capability enables you to efficiently scan and acquire images on the tablet, while you can do measurements and annotations later on the system console.



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Aplio
i-series

TOSHIBA MEDICAL SYSTEMS EUROPE

www.toshiba-medical.eu

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Toshiba Medical Systems Corporation meets internationally recognized standards for Quality Management System ISO 9001, ISO 13485.
Toshiba Medical Systems Corporation Nasu Operations meets the Environmental Management System standard, ISO 14001.

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Some features presented in this brochure may not be commercially available on all systems shown or may require the purchase of additional options.
Please contact your local Toshiba representative for details.

