

PO 552-B20015
BLDG.126,RECEIVG
V.A. Medical Center
WAREHOUSE, BLDG. 126
4100 WEST THIRD ST.
DAYTON, OH 45428
P.O.# 552-B20015

Trade-in: **SonoSite**
MicroMaxx #1 #2
EE# 33890 38234
Serial # 036KD8 036924
Mobile Docking Cart
Serial # 0372V5 035091
Transducers: P17/5-1 , 036Y2F ,C60e/5-2, 036Q97,
036GB2, L38e/10-5, 036XT2, 036HOY

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APLIO 300 V3 ULTRASOUND IMAGING SYSTEM

APLIO 300 ULTRASOUND IMAGING
SYSTEM

DICOM

RELIANCE TECHNOLOGY PROTECTION
PROGRAM

MULTI-FREQUENCY WIDE FOOTPRINT
LINEAR TRANSDUCER

MULTI-FREQUENCY LINEAR
TRANSDUCER

MULTI-FREQUENCY CONVEX
TRANSDUCER

MULTI-FREQUENCY MICRO CONVEX
TRANSDUCER

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DIFFERENTIAL TISSUE HARMONIC
IMAGING

PRECISION IMAGING

APLIPURE+

PANORAMIC VIEW

TRAPEZOID IMAGING

GEL WARMER

LEFT TRANSDUCER HOLDER

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- Includes 12 Month Service Warranty.
- Quotation include the trade-in of two (2) ultrasound systems.

APLIO 300 V3 ULTRASOUND IMAGING SYSTEM

Toshiba's premium ultrasound system, the Aplio™ 300, features the same state-of-the art platform as the flagship Aplio 500, providing premium image quality across the full range of clinical applications.

High-density beamformer architecture uses the most advanced digital signal-processing technology to reveal clinical information like you've never seen before.

High density rendering enables comprehensive 3-D/4-D imaging to extend diagnostic capabilities, delivering unrivaled detail and resolution.

Advanced, real-time applications including elastography, showing the elasticity of tissues in real time.

iStyle™+ Productivity Suite features the industry's most customizable user interface, along with numerous other workflow automation tools designed for operator comfort, efficiency and effectiveness.

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STANDARD COMPONENTS

- Aplio 300 Ultrasound Imaging System
- Tissue Doppler Imaging (TDI)
- ApliPure™
- Quick Start Presets
- Quick Scan
- Auto-Intima Media Thickness (A-IMT)
- 17" LCD monitor with articulated arm and handle
- Built-in DVD/CD drive with writer
- USB Ports

KEY FEATURES

Extraordinary Image Quality

Toshiba's new image architecture - **High-Density Beamformer** - provides unprecedented image resolution and detail. This enables Aplio to deliver information quickly and reliably through an array of unique imaging technologies, including the following:

ApliPure™

The next generation of real-time compound-imaging technology. ApliPure uses simultaneous spatial and frequency compounding to deliver images of outstanding clarity and detail.

High Density Rendering

3-D/4-D volume imaging provides an ultra-high-level of 3-D detail and resolution. Captures volume data sets at high-volume rates for shorter exam times and greater productivity.

Auto-IMT

Provides a measurement of the intima-media thickness of the arterial wall to detect the presence and track the progression of atherosclerotic disease.

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Outstanding Operability

iStyle+ Productivity Suite automates workflow and optimizes ergonomics.

Customizable User Interface

The main panel and touch-control screen (TCS) is fully customizable. Virtually all keys can be reassigned to meet individual needs, reduce learning curves and operator fatigue, and enhance workflow.

Quick Start Presets

Streamline workflow with the fully programmable sub-presets menu, which allow you to optimize image quality and color flow for a specific clinical target with a single touch of a button.

Quick Scan

Optimize 2-D image quality in all modes with a single touch. Equalizes thousands of image points, forming an image with balanced tissue brightness throughout the field-of-view.

Innovation V3 Software

Toshiba's Innovation V3 software keeps your Aplio 300 ultrasound system ahead of technology. With Image enhancements that reveal more depth and detail to increase diagnostic confidence. Workflow improvements that streamline procedures to improve patient care and comfort. And access to new advanced options that expand clinical capabilities. All designed to protect your investment in technology. Innovation V3 Software also continues our legacy of "vendor neutral" connectivity allowing seamless integration with most major PACS.

Reliance Technology Protection Program

This quotation includes the Reliance Technology Protection Program for a full 24 months from the time of purchase.

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Included in the plan is one software update per year, if available, to keep customers at the latest technology level. Hardware upgrades and options not covered. Whenever possible, installation will coincide with the preventive maintenance.

GENERAL HARDWARE DESCRIPTION

Display

- 17" LCD monitor with articulated arm and handle
- Programmable, touch-command screen restores preset adjustments with one touch

Main Panel

- Fully adjustable to provide ideal interaction whether sitting or standing.
Moves:
 - Up and down
- Functions grouped around central palm controller
- Customizable to application demands and user preferences
- Programmable main panel, screen layout and touch-control screen menu
- Advanced imaging and application presets

Transducers

- Ergonomic, lightweight transducers with innovative shapes and super-flexible cables designed for superior image quality
- Five probe holders eliminate transducer changeover time
- Three active ports provide convenient transducer access for faster exams and increased throughput

Connectivity

Extensive communication and data management capabilities enable seamless integration into hospital and research environments including the following DICOM functions:

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- Media Storage
- Verification
- Storage
- Print
- Storage Commitment
- MULTI FRAME (Network Transfer)
- MWM (Modality Worklist Management)
- Query/Retrieve
- MPPS (Modality Performed Procedure Step)
- Structured Reporting

Image Maker Express

Image Maker Express is an online marketing resource that helps Toshiba customers build demand for imaging service by growing their referring physician and patient relationships. Image Maker Express includes:

- Easy-to-use marketing resources and tools developed exclusively for Toshiba customers to bring together effective marketing strategies and tactics.
- A wealth of collaterals and content to create high-quality brochures, print ads and more to help market the Toshiba customer's new imaging capabilities.

Image Maker Express Materials available include:

- Product images and logos
- Clinical images and videos
- PowerPoint presentations and promotional videos
- Brochure samples
- Customizable press releases and media tips
- Marketing strategy tutorials

**Offerings may vary per product*

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APPLICATIONS SUPPORT

Developed with customer input, Toshiba's innovative support programs have resulted in increased customer satisfaction. These include the following:

Technical Assistance

Customer support specialists are available 24/7 to help resolve technical issues in real time. Application support specialists are also available to assist staff with protocol and image-quality issues.

Local Customer Teams

A single call mobilizes a local team of Toshiba customer engineers. With an average of 10 years of Toshiba experience and 105 hours of specialized training, they can resolve almost any performance issue.

Parts Support

A complete inventory of product parts is ready for shipment when and where they are needed, any time of day or night.

Training

Included with the purchase of Aplio is training conducted by Toshiba applications specialists registered with the American Registry of Diagnostic Medical Sonographers (ARDMS).

Training includes:

- Two days of on-site applications training
- One day of on-site follow-up applications training

Clinical Education Program

Toshiba customers receive access to the CME resources on SonoWorld via SonoBucks vouchers. Toshiba makes the SonoBucks vouchers available as an add-on to equipment and service sales, allowing customers to make a one-stop purchase of both products and education.

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APLIO 300 ULTRASOUND IMAGING SYSTEM

DICOM

Supports a variety of timed and gated multi-frame DICOM capabilities including:

- Verification SCU/SCP
- Storage SCU
- Modality Worklist Management SCU to support operations with HIS/RIS systems
- Storage SCU to allow studies to be stored to Aplio from remote systems such as Storage Commitment SCU and MPPS SCU workflow management and data

RELIANCE TECHNOLOGY PROTECTION PROGRAM

MULTI-FREQUENCY WIDE FOOTPRINT LINEAR TRANSDUCER

Multi-frequency linear transducer with wider field of view (58 mm) for:

- Breast/Small parts/MSK
- Small parts
- Musculoskeletal

Imaging Frequencies : 12.0/10.0/7.0/T11.0/T9.0/T7.0 MHz

D-THI Frequencies : 14.0/10.0 MHz

Color Frequencies: 7.0/6.0/5.0 MHz

Doppler Frequencies : 7.0/6.0/5.0 MHz

Prerequisite: V3.0 or later

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MULTI-FREQUENCY LINEAR TRANSDUCER

7.5MHz linear transducer for vascular imaging providing high resolution and sensitivity.

- Multifrequency: 11.0/10.0/8.6/6.2/4.8/T8.4/T7.6/T7.2/T6.6/T6.2 MHz
- D-THI Frequency : 9.0/8.0 MHz
- Doppler Frequencies : 8.0/7.2/6.1/5.3/4.7/4.4 MHz
- Field Width: 38 mm

MULTI-FREQUENCY CONVEX TRANSDUCER

Specifications:

- 192 elements; 70 degree FOV; 50 mm radius
- Imaging frequencies:
6.0/5.0/4.0/2.8/1.9/T6.0/T5.5/T5.0/T4.0/T3.0 MHz
- D-THI frequencies: 5.0 MHz
- Doppler frequencies: 3.6/3.1/3.0/2.5/2.2/1.8

MULTI-FREQUENCY MICRO CONVEX TRANSDUCER

With PS-THI and differential tissue harmonic imaging for:

- Abdominal
- OB/GYN

Specifications:

- 128 elements, 80 degree FOV, 20 mm radius
- Fundamental B-mode frequencies: 5.5/4.5/3.7/2.5/1.8 MHz
- PS-THI frequencies: T5.0/T4.4/T3.8/T3.4/T2.8 MHz
- Doppler frequencies: 3.6/3.1/3.0/2.5/2.2/1.8 MHz
- D-THI frequency: 5.0 MHz

Prerequisite: Aplio SW Version 5.5 or Higher, Xario Version 3.0 software

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DIFFERENTIAL TISSUE HARMONIC IMAGING

An exclusive Toshiba patented technology, D-THI works with BT technology transducers. It provides improved visualization and definition of lesions, cysts and subtle tissue characteristics while scanning at increased depth and on difficult-to image patients.

PRECISION IMAGING

Next-generation Precision Imaging is a multi-resolution signal-processing technique. It enhances the definition of structures and sharpens borders to separate clinical information from clutter and noise for a more accurate representation of patient anatomy.

APLIPURE+

Aplipure+ provides an unparalleled level of image uniformity and detail in every mode. ApliPure+ real-time compounding combines the advantages of spatial and frequency compounding while preserving clinically significant markers that give diagnostic confidence.

PANORAMIC VIEW

- Allows for the evaluation of vessels, organs and anatomy in a large field-of-view.
- Provides for the collection of more comprehensive data sets for evaluating or identifying enlarged masses, soft tissue abnormalities and foreign bodies.
- Scans at a continuous speed without the need for probe attachments.

TRAPEZOID IMAGING

Allows linear probes an extended field-of-view.

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GEL WARMER

LEFT TRANSDUCER HOLDER

Additional transducer holder on the left side of system; holds three transducers.

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MULTI-FREQUENCY LINEAR TRANSDUCER, SMALL PARTS

For:

- Small parts
- Breast
- Musculoskeletal
- Vascular (Doppler)

Model: PLT-1204BT

Imaging Frequencies: 14.0/12.0/9.3/8.0/7.2/T14.0/T12.0/T10.0/T8.0/T7.0 MHz

D-THI Frequencies: 18.0/14.0/13.0 MHz

Doppler Frequencies: 10.0/8.9/8.8/7.3/7.2/6.2/6.1/5.3 MHz

Applicable modes: B/PS-THI/D-THI/CDI/TDI/ADF/PWD/ApliPure/ApliPure+

Biopsy adapter: Same as for PLT-1204AT: CIVCO 680-088 (TG-4)

Prerequisite: Differential Tissue Harmonic Imaging (DTHI) required for 18MHz frequency

Note: DTHI and 18MHz frequency is not available on Viamo Systems

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MULTI-FREQUENCY MICRO CONVEX TRANSDUCER

With PS-THI and differential tissue harmonic imaging for:

- Abdominal
- OB/GYN

Specifications:

- 128 elements, 80 degree FOV, 20 mm radius
- Fundamental B-mode frequencies: 5.5/4.5/3.7/2.5/1.8 MHz
- PS-THI frequencies: T5.0/T4.4/T3.8/T3.4/T2.8 MHz
- Doppler frequencies: 3.6/3.1/3.0/2.5/2.2/1.8 MHz
- D-THI frequency: 5.0 MHz

Prerequisite: Aplio SW Version 5.5 or Higher, Xario Version 3.0 software

MULTI-FREQUENCY CONVEX ENDOCAVITARY TRANSDUCER

Imaging Frequencies: 9.0/7.0/4.0/T10.0/T8.0/T6.0/T6.0 MHz

D-THI Frequencies: 11.0M/9.0/7.0 MHz

Color Frequencies: 6.0/5.0/4.0 MHz

Doppler Frequencies: 7.0/4.0/3.0 MHz

Scan Angle: Approx 180 degrees

Prerequisite: V3.0 or later