

XR-U/S, VAMC DAYTON, OH

PO# 552-B20015

VIAMOTM ULTRASOUND SYSTEM

VIAMO ULTRASOUND SYSTEM

PROBE SELECTOR (STANDARD TYPE)

POLE CART

SERVICE TOOL (USB FLASH DRIVE 16 GB)

MULTI-FREQUENCY LINEAR
TRANSDUCER

MULTI-FREQUENCY CONVEX
TRANSDUCER

DICOM KIT ELECTRONIC LICENSE V3.0

MULTI-FREQUENCY CONVEX
TRANSDUCER

V1AMO ULTRASOUND SYS

Toshiba's new Viamo™ provides feature-rich, best-in-class imaging capabilities in a portable ultrasound system with no compromise. Viamo goes wherever you need to go, delivering outstanding image quality for enhanced diagnostic confidence and improved ease-of-use for both patients and clinicians.

With Viamo, sonographers have the ability to perform high-end and routine radiology without the use of the more expensive cart-based systems. Transducers from other Toshiba systems are interchangeable with Viamo, making the system even more cost-effective with no compromise. This portable system also provides for the special needs of a variety of situations including:

- General Radiology - as a second or third system
- OR— fast, high-quality diagnostic capabilities
- Hybrid — imaging for a variety of procedures
- Interventional Suite—sterile system with a small footprint in a crowded room
- Bedside—flexible, so sonographers can image without repositioning patients
- NICU— lightweight probes for very small anatomy
- ED —STAT access to imaging on a variety of areas of interest

With its Intelligent Component Architecture (ICA), Viamo can run unique advanced-imaging technologies simultaneously, without loss of system performance or image quality. Pulse Subtraction, Advanced Dynamic Flow, ApliPure[™], and Quick Scan combine to provide superior image quality and spatial resolution, as well as delivering outstanding ultrasonic images while suppressing white noise.

COMPONENTS

- Viamo laptop ultrasound system
- Pulse Subtraction
- Advanced Dynamic Flow
- ApliPure™
- Quick Scan
- Pole Cart
- Transducer Selector

KEY FEATURES

Portability

Viamo is durable and lightweight enough to be easily hand-carried. The system travels with ease and provides a portable, no compromise solution for high-end radiology, vascular, emergency, bariatric and OB/GYN exams.

Intelligent Component Architecture

Intelligent Component Architecture (ICA) improves system response times and is an ideal platform for radiology departments. System components can be easily updated via software updates.

ApliPure™

The next generation of real-time compound imaging technology using frequency compounding to deliver images of outstanding clarity and detail resolution.

- Enables faster image acquisition, greater clarity and reduced speckle.
- Based on real-time image acquisition using either fundamental or pulse subtraction 'MI frequencies.
- Render alone or with color Doppler, Advanced Dynamic Flow, pulse wave Doppler and Power Angio.

Pulse Subtraction

Provides superior image quality in 2-D applications, routine exams and difficult-to-scan patients.

Quick Scan

For one-button optimization of the 2-D image. Equalizes thousands of image points, forming an image with balanced tissue brightness throughout the field of view.

Advanced Dynamic Flow

Provides high-resolution color imaging of micro-vessels within tumors and organs. Provides superior resolution as compared to conventional color or power Doppler by applying the same ultra-high bandwidth normally used in grayscale to Doppler signal processing.

Available on the following:

- Multi-frequency convex transducers, abdominal
- Multi-frequency linear transducers
- Multi-frequency sector transducers, transcranial

Transducers

Sonographers can easily interchange transducers from Aplio XG and Aplio MX with Viamo, improving productivity and flexibility, and saving resources.

Ease-of-Use

Viamo includes an easy-to-use touch-screen interface that allows customization and makes working in any mode more efficient. The system is battery powered and launches quickly so it is instantaneously available in critical situations.

APPLICATION SUPPORT

Training

All training is conducted by Toshiba applications specialists registered with the American Registry of Diagnostic Medical Sonographers (ARDMS). Two days of on-site applications training, plus one day of follow-up applications, for a total of three days are provided with the purchase of a Viamo system.

Clinical Education Program

Toshiba customers will 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.

5 Year Extended Parts Warranty

Viamo units as standard provide a 5 year extended parts warranty on the base system (excludes battery, consumables, and transducers). During the first year both parts and labor are covered under warranty. In years 2-5 the base Viamo unit continues to be covered under the parts only warranty; excluding the battery, consumables, and transducers. Additionally, in years 2 - 5 labor will be billable unless the Viamo unit is covered under a full service maintenance agreement.

Toshiba America Medical Systems, Inc. provides service labor coverage during the initial twelve (12) month warranty period at no charge to the Customer between the hours of 8:00 a.m. - 5:00 p.m., Monday through Friday, excluding federal holidays.

Additional On-Site Training:

Additional On-site training available for purchase.

Applications support is available by phone on the toll-free ASSIST line.

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TRANSDUCERS FOR VIAMO

MULTI-FREQUENCY LINEAR TRANSDUCER

MULTI-FREQUENCY CONVEX TRANSDUCER

DICOM KIT ELECTRONIC LICENSE V3.0

Addition of OB DICOM Structured Report measurements in addition to the existing USDI-642A functions.

Prerequisite: Version 3.0

MULTI-FREQUENCY CONVEX TRANSDUCER

With PS-THI and differential tissue harmonic imaging for:

- Abdominal/ Vascular

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 MHz

BATTERY CHARGER

STANDARD BATTERY PACK

HIGH CAPACITY BATTERY PACK

DIGITAL GRAYSCALE PRINTER PACKAGE