

REQUESTING SERVICE:
RADIOLOGY(114)
WAREHOUSE B68010
V.A. Medical Center
1011 HONOR HEIGHTS DR
MUSKOGEE, OK 74401
P.O.# 623-B68010

Qty

Item Description

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ACUSON 52000 Mainframe

The ACUSON S2000(tm) ultrasound system is a multi-specialty system designed to exceed your expectations - today and into the future. The unmatched ability to deliver comprehensive information to make a differential diagnosis even in the most challenging case makes this the system to have when you need to know more."

The industrial design is conducive to today's busy environments.

The home base layout of controls and operator functions on the control panel supports the natural and extended reach of the user and greatly reduces keystrokes and repetitive movements.

The flat panel display with articulating arm, control panel height adjustment and side-to-side swivel allow for appropriate positioning and placement to accommodate tight and/or awkward scanning environments.

A rear handle and extra transducer storage further extend the product offering into the high end arena.

In addition to a lightweight system, the QuikStart standby mode enhances system portability by reducing startup and shutdown times to approximately 30 seconds and 10 seconds respectively.

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S2000 VD10x SW

The ACUSON S2000(tm) ultrasound system software license provides access to the HELX Evolution with Touch Controls, workflow innovations, and a range of performance improvements

The ACUSON S2000(tm) ultrasound system software license provides access to the following advanced general imaging technologies included as standard: The Linear Release, eSiImage(tm) multiparametric optimization, & Custom Tissue Imaging.

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S2000 with Touch Control

The ACUSON S2000(tm) ultrasound system touch control package provides access to the HELX Evolution with Touch Controls and workflow innovations.

This configuration option includes the hardware necessary for a touch display panel and a redesigned tactile control panel.

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Item Description

S2000 VD10x Oper Sys, Eng

This configuration option includes the software operating system supporting Windows 7 for English speaking customers.

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S2000 VD10x English Keyboard

The ACUSON S2000(tm) ultrasound system Touch Control keyboard option provides access to a pull-out tactile QWERTY keyboard supported for various languages.

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115V Power Supply

S2000 NTSC Video Interface

S2000 General Imaging Technologies

The ACUSON S2000(tm) ultrasound system offers the General Imaging Technologies package for the ultimate solution of imaging and workflow needs of today's radiology clinic. The General Imaging Technologies package offers advanced image quality and innovative workflow solutions at a reduced price. Advanced SieClear(tm) spatial compounding, Advanced SieClear spatial compounding in Color & Power Doppler*, esielimage(tm)* multi-parameter image optimization technology processing (available in HELX (VC30B*) software level and above). , Clarify(tm) vascular enhancement technology, SieScape(tm) panoramic imaging, Color SieScape(tm) panoramic imaging and TEQ(tm) ultrasound technology round off this progressive product offering.

S2000 Wireless Connectivity

Includes the hardware and software needed to enable wireless capabilities on the ACUSON S2000 ultrasound system. This option is only being offered to qualifying sites that meet certain network specifications. At the time of release, the wireless connectivity feature will support only the following specifications:

WLAN types and speeds: WLAN Type: Broadcasting or Non-broadcasting, WLAN Speed: 802.11 b/g, 802.11g, 802.11b, 802.11a and 802.11n

-Authentication Protocols: Open Shared, WPA, WPA-PSK, WPA2, WPA2-PSK

- Data Encryption Types: WEP, TKIP, AES or None

- Extensible Authentication Protocols (EAP): EAP-PEAP-MSCHAPV2(PEAPvO) if used at the site To ensure functionality please certify that the site meets the above specifications.

S2000 Virtual Touch Quant USA

Virtual Touch(tm) quantification (VTq) is a real-time measurement technique that utilizes the shear waves that arise with use of Acoustic Radiation Force Impulse (ARFI) imaging technology.

- Visualization of the desired anatomical location in the B-mode image allows accurate and consistent placement of the measurement cursor.

- Sophisticated pulse formation and high speed signal processing allows real-time quantitative measurement of the shear wave velocities as they pass through a small region of interest.

- The speed at which these shear waves pass through

tissue correlates with the tissue stiffness, enabling exact measurement. Measurements may be placed into a comprehensive measurement package during the routine ultrasound exam, enhancing workflow.

Helx Evolution Hardware and Software (VC30 or Above) are required for the implementation of Virtual Touch(tm) Quantification.

Available with the 6C1 HD, 4V1, 4C1 and 9L4 transducer

Product pending shipment confirmation,

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VTQ S Family Addendum, USA, S2000

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EV8C4 transducer, 52000

The EVBC4 transducer utilizes ACUSON(tm) patented micro-pinless (MP) connector

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Item Description

technology and is based on wideband technology which provides superior performance for endovaginal imaging. Wideband MultiHertz(tm) multiple frequency imaging provides multiple transmit frequencies for optimal resolution and penetration. Excellent detail resolution is apparent in primary applications including gynecology and obstetrics.

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9L4 Transducer (MP), S2000

The 9L4 transducer utilizes ACUSON(tm) patented micro-pinless (MP) connector and is based on Multi-D(tm) matrix array transducer technology and exceptional spatial resolution throughout the field of view. This multi-row array transducer is contained in an ergonomically designed microCase(tm). This transducer technology with its improved beam profile creates unsurpassed image detail, clarity and uniformity. Wideband MultiHertz(tm) multiple frequency imaging provides multiple transmit frequencies. Integrated microelectronics contained in an ergonomically designed microCase(tm) and combined with a revolutionary SuppleFlex(tm) transducer cable provide a lightweight design to reduce operator fatigue.

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18L6 HD Transducer (MP), S2000

The 18L6 HD (High Density) is a large format, 50mm, linear transducer with a 6 to 18 MHz bandwidth. The 18L6 I-ID utilizes Hanafy lens transducer technology providing an industry leading high density (HD) 100 micron pitch for unrivaled contrast and spatial resolution. Additionally, ACUSON(tm) patented micro-pinless (MP) connector technology and Wideband MultiHertz(tm) multiple frequency imaging capabilities set the standard for high frequency imaging. It is built with patented Elastogrip(tm) ergonomic grip coating for unrivaled grip comfort and repetitive stress reduction. A specially designed SuppleFlex(tm) transducer cable provides a lightweight design to reduce operator fatigue. eSielouch(tm) elasticity imaging is supported on the 18L6 HD.

6C1 HD Transducer, S2000

The 6C1 HD high-density array will enhance the ACUSON S2000(tm) ultrasound system capabilities. It provides not only the fundamental imaging capabilities such as B-mode, Color and PW Doppler, Color Doppler Energy (CDE), Tissue Harmonic Imaging (THI) and TEQ(tm) ultrasound technology, but also supports advanced technologies such as Advanced SieClear(tm) Spatial Compounding (ASSC) and Dynamic TCE(tm) Tissue Enhancement Technology (DICE).

The transducer technology and design support a frequency range of 6MHz to 1MHz. Both fundamental and harmonic frequencies are supported.

Maximum imaging depth is 30cm.

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S2000 VD10X GI Base Sys

The ACUSON S2000(tm) ultrasound system with general imaging configuration for customers seeking general imaging use only includes SieStream(tm) HD Architecture hardware imaging components which delivers performance enhancements in image quality, workflow, and sustainability.

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52000 Gel Warmer

The ACUSON S2000(tm) ultrasound system touch control keyboard option provides access to an integrated gel warmer.

S Family Paper Mnl, VD10x, ENG

Ultrasound Apps Training 2 days included

Two (2) Days System Installation Applications Training

Two days on-site general system installation applications training to include basic or advanced training on systems and options. Extent and objective of training will be determined with the site prior to the training event. Specific options may require one additional no charge applications day. Additional training may be purchased.

Additional Manual for Govt-S2000

Incidental Services for ACUSON S2000 Touch Screen ultrasound system on Quote Nr. 1-HQVS62 Rev. 0

One complimentary biomedical tuition is included with the purchase of this system. This training must be completed before the end of the warranty period.

This educational offering must be completed by the later of (12) months from purchase of training or if applicable, completion of installation. If training is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund.

Philips IU22 system, Rev E.2, SIN 02XLY6 with probes and w/o hard drive, expires 9/30/2016 @

Trade-in value is valid for forty-five (45) days from the date of the quotation. After that time it must be revalued.

The trade-in equipment shall be free and clear of all liens, encumbrances, security interests, assessments, rights of distraint and any other third party claims. Purchaser shall provide Siemens or its designated dealer or agent with access to the trade-in equipment within 48 hours after installation of the new equipment. Title and risk of loss to the trade-in equipment shall pass to Siemens or its designee upon installation of the purchased equipment at the Purchaser's facility. In the event that access to the trade-in equipment is denied for more than 30 days after shipment of the new equipment, then the Purchaser shall pay to Siemens the amount of ten (10) percent of the total trade in value including Elevate discounts (no less than \$1000) for each month, or part thereof, that access is denied. In addition, in the event that the trade-in equipment does not meet manufacturer's operating specifications or is not otherwise in the condition as stated in the trade-in specification sheet at the time of trade-in, or in the event that any trade-in items are not returned or otherwise made available to Siemens or its designee, then Purchaser shall be invoiced and shall pay for any missing or damaged items/equipment, or the trade-in value set forth in this Quotation shall be adjusted in Siemens' sole discretion.

Detailed Technical Specifications

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<p>ACUSON patented micro-pinless connectors along with sophisticated high-density signal processing create image quality unsurpassed in the high end market. The flat panel monitor with ISP (in-plane switching) technology and transducer technology contributes to the image quality surpassing that of the competition</p> <p>The ACUSON 82000 core system DICOM functionality includes: Modality Worklist, Query/Retrieve (Q/R), "in-progress" or "batch" print to DICOM print devices, "in-progress" or "batch" storage of exam images, clips and patient information, Storage Commitment, transfer of performed procedure information from the ACUSON 82000 system to a HIS/RIS system, and Structured Reporting functionality.</p> <p>DICOM Structured Reporting allows organized transfer of calculation data to PACs systems in either supported public elements, or in private elements for measurements not supported by DICOM SIR and is available for OB/GYN, Cardiac and Vascular calculation data. Structured reporting data may be transferred to DICOM Storage Devices or Network File Share</p> <p><i>The DICOM conformance statement for the ACUSON S2000 ultrasound system is available on the Siemens Healthcare website at:</i></p>
<p>For additional details regarding the ACUSON S2000 system software license or associated features please refer to the datasheet and/or specifications.</p>
<p>For additional details regarding the ACUSON 82000 system HELX Evolution with Touch Controls please refer to the datasheet and/or specifications.</p>
<p>For additional details regarding the ACUSON 52000 system English operating system please refer to the datasheet and/or specifications.</p>
<p>For additional details regarding the ACUSON S2000TM ultrasound system, HELXTM Evolution with Touch Controls keyboard option, please refer to the datasheet and/or specifications.</p>
<p>Advanced SieClearTM spatial compounding offers image quality with unrivaled detail and contrast resolution. Advanced SieClear compounding is a real-time compounding technique which applies multiple lines of sight at greater steering angles. Advanced SieClear spatial compounding in Color & Power Doppler enables ASSC when either Color or Power Doppler is active, bringing the Advanced SieClear spatial compounding image quality advantages to Dopplerimaging (available in HELX (V_C3A_softvv are level and above). Dynamic T_CFTissue contrast enhancement technology is a real-time speckle reduction technique that enhances contrast resolution, border detection, and image presentation. eSiImageIM* multi-parameter image optimization technology maintains image uniformity across all patient body types by adaptively compensating for varying tissue attenuation characteristics in real-time during scanning and allows gain and TEQ adjustments in post processing (available In HELX (VC30B*) software level and above).</p> <p>ClarifyTM vascular enhancement technology reduces noise within vessels for superior visualization of vessels as well as enhancing tissue characterization for improved contrast resolution and boundary detection. SieScapem panoramic imaging option allows the acquisition and display of B-mode panoramic images up to 240 cm in length or in angular measurements up to 180 degrees. Large organs and long vessels can be displayed In their full dimension for increased on-screen anatomical information. SieScape panoramic imaging extends the field of view</p>

Description
<p>to provide a seamless ultrasound image covering an area much larger than a normal transducer aperture. Color SieScape™ panoramic imaging allows the user to create an ultrasound image with an extended field of view during real-time imaging in 2D and Power modes. Color SieScape imaging can demonstrate anatomical relationships of tissue/organ and vasculature. TEQ™ ultrasound technology now offers a sophisticated solution for 2D and Spectral Doppler imaging optimization with a push of a button. The TEQ technology significantly reduces time spent optimizing imaging performance, while improving the consistency and quality of diagnostic exams.</p>
<p>The EV8C4 provides essential basic and advanced functionality for the gynecological and obstetrical ultrasound exam.</p> <ul style="list-style-type: none"> - Array footprint: 28.2 mm - Maximum Display depth: 140 mm - Maximum field of view: 135 degrees - Expanded MultiHertzN multiple frequency imaging for 2D, Harmonics, M-mode, Color Doppler, and PW Doppler
<p>The 9L4 extends over multiple applications including imaging providing a single-solution transducer.</p> <p>Please see the Transducer flyer for specifications.</p>
<p>The 18L6 HD extends over multiple superficial applications.</p> <ul style="list-style-type: none"> - Expanded MultiHertz™ multiple frequency imaging for 2D, Harmonics, M-mode, Color Doppler (CDE and CDV), and PW Doppler - Virtual Format imaging mode extends the lateral field of view - Array footprint: 58 mm - Maximum display depth of 80 mm - Maximum field of view is 40 degrees in sector format.
<p>For additional details regarding the ACUSON S2000 system GI base system please refer to the datasheet and/or specifications.</p>
<p>For additional details regarding the ACUSON 52000 system, HELXTM Evolution with Touch Control integrated gel warmer, please refer to the datasheet and/or specifications.</p>