

XR US, VAMC SALEM, VA
PO# 658-B70015

Qty	Item Description
1	ACUSON S2000 Mainframe The ACUSON S2000(tm) ultrasound system is a multi-specialty system designed to exceed your expectations today and into the future.
1	S2000 VD10x SW The ACUSON S2000(tm) ultrasound system software license provides access to the HELX(tm) Evolution with Touch Control, workflow innovations, and a range of performance improvements. The ACUSON S2000 system software license provides access to the following advanced general imaging technologies, included as standard: the HELX Evolution release, eSieImage(tm) multiparametric optimization, and custom tissue imaging.
1	S2000 VD10x Oper Sys, Eng This configuration option includes the software operating system supporting Windows(r) 7 for English-speaking customers.
1	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.
1	115V Power Supply
1	S2000 NTSC Video Interface
1	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*, - eSieImage(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.

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1	<p>S2000 3-Scape 3D Imaging</p> <p>The ACUSON S2000(tm) ultrasound system offers the General Imaging Technologies package for the ultimate solution to the 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 (ASSC), Advanced SieClear compounding in color and power Doppler, eSieImage(tm) multiparametric optimization (available in HELX(tm) Evolution release VC30B software level and above, Clarify(tm) vascular enhancement (VE) technology, SieScape(tm) panoramic imaging, color SieScape(tm) panoramic imaging, and TEQ(tm) ultrasound technology round out this progressive product offering.</p>
1	<p>S2000 Wireless Connectivity</p> <p>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:</p> <ul style="list-style-type: none"> - WLAN types and speeds: WLAN Type: Broadcasting or Non-broadcasting, WLAN Speed: 802.11b/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(PEAPv0) if used at the site To ensure functionality please certify that the site meets the above specifications.
1	<p>6C1 HD Transducer, S2000</p> <p>The 6C1 HD high-density array will enhance the ACUSON S2000(tm) ultrasound system capabilities. It provides fundamental imaging capabilities such as B-mode, color and PW Doppler, Color Doppler Energy capabilities (CDE), Tissue Harmonic Imaging (THI), and TEQ(tm) ultrasound technology. It also supports advanced technologies such as Advanced SieClear(tm) spatial compounding and Dynamic TCE(tm) tissue contrast enhancement technology.</p> <p>The transducer technology and design support a frequency range of 6 MHz to 1 MHz. Both fundamental and harmonic frequencies are supported.</p> <p>Maximum imaging depth is 30 cm.</p>
1	<p>18L6 HD Transducer (MP), S2000</p> <p>The 18L6 HD (high density) is a large-format, 50 mm, linear transducer with a 6 to 18 MHz bandwidth. The 18L6 HD utilizes Hanafy lens transducer technology, providing an industry-leading high density 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 set the standard for high frequency imaging. The transducer is built with patented Elastogrip(tm) ergonomic grip coating for unrivaled grip comfort and repetitive stress reduction. A specially designed SuppleFlex(tm) transducer cable is lightweight to reduce operator fatigue. eSieTouch(tm) elasticity imaging is supported on the 18L6 HD.</p>
1	<p>14L5 SP Transducer (MP),S2000</p> <p>The 14L5 SP transducer utilizes ACUSON(tm) patented micro-pinless (MP) connector technology and is specially designed for intra-operative applications. Its small, lightweight, offset "L" ergonomically designed form factor allows for easy access in tight imaging conditions. With superior contrast and detail resolution and improved accessibility due to the design, the 14L5 SP may also be used for breast, small parts, and musculoskeletal applications where improved access and a small footprint are required.</p>
1	<p>9L4 Transducer (MP), S2000</p> <p>The 9L4 transducer utilizes the 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 ergonomically designed microCase(tm) transducer miniaturization technology. This transducer technology, with its improved beam profile, creates unsurpassed image detail, clarity, and uniformity.</p>

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2	Wideband MultiHertz(tm) multiple frequency imaging provides multiple transmission frequencies. Integrated microelectronics contained in an ergonomically designed microCase transducer and combined with a revolutionary SuppleFlex(tm) transducer cable provide a lightweight design to reduce operator fatigue.
	MC9-4 Transducer S2000
	The MC9-4 transducer provides essential functionality for the Gynecological ultrasound exam, with superior image quality and penetration. Extremely lightweight and thin, the transducer is ergonomic for the user and comfortable for the patient. The MC9-4 utilizes a patented ACUSON(tm) micro-pinless transducer connector.
1	S2000 Gel Warmer
	The ACUSON S2000(tm) ultrasound system Touch Control keyboard option provides access to an integrated gel warmer.
1	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 hardware imaging components that deliver performance enhancements in image quality, workflow, and sustainability.
1	S2000 with Touch Control
	The ACUSON S2000(tm) ultrasound system Touch Control package provides access to the HELX(tm) Evolution with Touch Control and workflow innovations.
	This configuration option includes the hardware necessary for a touch display panel and a redesigned tactile control panel.
1	Initial onsite training 16 hrs-FMV
	Up to (16) hours of on-site clinical education training, scheduled consecutively (Monday - Friday) during standard business hours for a maximum of (4) imaging professionals. Uptime Clinical Education phone support is provided during the warranty period for specified posted hours. This educational offering must be completed (12) months from install end date. If training is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund.
1	Additional Manual for Govt-S2000

One complimentary biomedical tuition is included with the purchase of this system.

OPTIONS

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1	<p>S2000 Virtual Touch Quant USA</p> <p>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.</p> <ul style="list-style-type: none">- 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. <p>Helx Evolution Hardware and Software (VC30 or Above) are required for the implementation of Virtual Touch(tm) Quantification.</p> <p>Available with the 6C1 HD, 4V1, 4C1 and 9L4 transducer</p> <p>Product pending shipment confirmation.</p>
1	<p>S2000 Virtual Touch IQ USA</p> <p>The ACUSON S2000 ultrasound system Virtual Touch IQ software license provides a color-coded tissue stiffness map and shear wave velocity measurements on a single image. The addition of a unique Quality Map allows immediate assessment of shear wave quality and improves diagnostic confidence. Unique algorithms that prevent display of areas with no shear waves, or where the shear waves are unquantifiable, add information and can prevent erroneous stiffness displays.</p> <p>With Virtual Touch IQ, Siemens adds the third generation of its recognized strain solutions, providing a single image presentation of both qualitative and quantitative assessment of tissue stiffness. Virtual Touch IQ provides immediate visual assessment of lesions and simultaneous quantitative evaluation. It also allows faster and more accurate stiffness quantification.</p>
1	<p>S2000 Advanced fourSight Technology</p> <p>Advanced fourSight(tm) technology offers broad 3D/4D acquisition, data rendering, and post-processing functionality. Functions include MultiSlice, thick slice imaging (TSI), curved-top VOI, curved MPR, sub-states, gradient light, and inversion.</p>
1	<p>4V1 Transducer (MP), S2000</p> <p>The 4V1 is a small-footprint transducer featuring microCase(tm) transducer miniaturization technology and can be used for a broad range of adult abdominal, OB/GYN, and fetal heart imaging applications. This transducer utilizes ACUSON(tm) patented micro-pinless connector technology and Hanafy</p>