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SHIP TO:

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V.A. Medical Center  
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BILLINGS, MT 59102

PO# 436-B70010
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### ACUSON S3000 Touch Screen ultrasound system

All items listed below are included for this system: (See Detailed Technical Specifications at end of Proposal.)

Qty	Part No.	Item Description
1	10441730	<b>ACUSON S3000 Mainframe</b> The ACUSON S3000(tm) ultrasound system mainframe is the new ultra-premium system in the expanding ACUSON S Family(tm) of ultrasound systems.
1	11286986	<b>S3000 VE10x SW</b> The ACUSON S3000(tm) ultrasound system, HELX(tm) Evolution with Touch Control software license provides a range of performance improvements including imaging improvements to the 6C1HD and 18L6HD transducers.
1	11287063	<b>S3000 VE10x Oper Sys, Eng</b> This configuration option includes the software operating system supporting Windows(r) 7 for English-speaking customers.
1	11287066	<b>S3000 VE10x English Keyboard</b> The ACUSON S3000(tm) ultrasound system, HELX(tm) Evolution with Touch Control keyboard option provides access to a pull-out tactile QWERTY keyboard supported for various languages.
1	10442012	<b>S3000 115V Power Supply</b> Standard power supply for USA
1	10442015	<b>S3000 NTSC Video Interface</b>
1	10855736	<b>S3000 Liver Tissue Analysis USA</b> The Liver Tissue Analysis package combines qualitative Virtual Touch(tm) tissue imaging (VTi) visualization capabilities with the complementary quantitative measurement capability of Virtual Touch(tm) tissue quantification (VTq).

A new dimension of tissue structural information can now be obtained from a diagnostic ultrasound study of the liver, within routine ultrasound workflow. Using Acoustic Radiation Force Impulse (ARFI) techniques with sophisticated pulse formation and high speed computational algorithms, the comprehensive Liver Tissue Analysis package provides real-time dual display of relative tissue stiffness with the push of a button.

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

Product pending shipment confirmation.

Qty	Part No.	Item Description
1	11151598	<b>S3000 Wireless Configuration,Non-EU</b> Includes the hardware and software needed to enable wireless capabilities on the ACUSON S3000(tm) ultrasound system.
1	10442080	<b>6C2 Transducer (MP), S3000</b> The 6C2 transducer utilizes the patented micro-pinless (MP) connector and is based on Hanafy lens transducer technology in an ergonomically optimized microCase(tm) transducer miniaturization technology design.
1	10442082	<b>4C1 Transducer (MP), S3000</b> The 4C1 transducer utilizes the patented micro-pinless (MP) connector and is based on Hanafy lens transducer technology in an ergonomically optimized microCase(tm) transducer miniaturization technology design. Hanafy lens technology provides uniformly narrow image slice thickness, dual-frequency Native(tm) tissue harmonic imaging capability, excellent penetration, detail and contrast resolution, high signal to noise ratio, high sensitivity in color and spectral Doppler modes, independent frequency selection across modes, and superior ergonomic design for comfort and access.
1	10442110	<b>18L6 HD Transducer, S3000</b> 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, 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 features a specially designed SuppleFlex(tm) transducer cable with lightweight design to reduce operator fatigue.
1	10442107	<b>9L4 Transducer (MP), S3000</b> The 9L4 transducer features the 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) transducer miniaturization technology housing. The Multi-D transducer with its improved beam profile creates unsurpassed image detail, clarity, and uniformity. Wideband MultiHertz(tm) multiple frequency imaging provides multiple transmission frequencies. Integrated microelectronics contained in an ergonomically designed microCase technology housing and combined with a revolutionary SuppleFlex(tm) transducer cable provide a lightweight design to reduce operator fatigue.
1	10854249	<b>MC9-4 Transducer, S3000</b> 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	10442087	<b>EV-8C4 Transducer, S3000</b> The EV8C4 transducer utilizes ACUSON(tm) patented micro-pinless (MP) connector 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.
1	11147932	<b>S3000 Gel Warmer</b> The ACUSON S3000(tm) ultrasound system touch control keyboard option provides access to an integrated gel warmer.
1	11287035	<b>S Family Op Instr,CD, VE10x</b>
1	11287069	<b>S3000 VE10X GI Base Sys</b> The ACUSON S3000(tm) ultrasound system, HELX(tm) Evolution with Touch Control with general imaging configuration for customers seeking general imaging use only includes SieStream(tm) HD hardware imaging components which deliver performance enhancements

Qty	Part No.	Item Description
		in image quality, workflow, and sustainability.
1	11147935	<b>S3000 with Touch Control</b> The ACUSON S3000(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.
1	US_APPS_INC L2D	<b>Ultrasound Apps Training 2 days included</b> 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.
1	SY_PR_TEAM PLAY	<b>teampay Welcome &amp; Registration Package</b> teampay is a cloud-based network that brings together your imaging modality users, the systems' dose and utilization data, and the users' expertise to help you improve the delivery of care to your patients. Basic features are provided free of charge. Premium features (benchmarking, non-Siemens devices) are provided on a trial basis for three months at no charge, and may be used thereafter on a subscription fee basis. To register: <a href="http://teampay.siemens.com/#/institutionRegistration/1">http://teampay.siemens.com/#/institutionRegistration/1</a>
1	US_PR_ELEV_ 10K_848	<b>Elevate Trade In Promotion -</b> 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 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

#### **Incidental Services for ACUSON S3000 Touch Screen ultrasound system on Quote Nr. 1-LOHS46 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.

Offset 11287035 S Family Op Instr,CD, VE10x

## Detailed Technical Specifications

### ACUSON S3000 Touch Screen ultrasound system

Part No. / Product	Description
<b>10441730</b> <b>ACUSON S3000</b> <b>Mainframe</b>	<p>In keeping with the ultra-premium nature of the ACUSON S3000 system, key technologies with leading features such as Data Transfer to Nuance PowerScribe   360 and Measurement Export are included. Also, the following software packages are included as standard on the mainframe:</p> <ul style="list-style-type: none"> <li>- Advanced SieClear™ spatial compounding provides image quality with stellar detail and contrast resolution. Advanced SieClear compounding offers an industry first with 13 lines of site.</li> <li>- Advanced SieClear spatial compounding in Color &amp; Power Doppler enables ASSC when either Color or Power Doppler is active, bringing the Advanced SieClear spatial compounding image quality advantages to Doppler imaging (available in HELX (VC30) software level and above).</li> <li>- eSiImage™* 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)..</li> <li>- Clarify™ Vascular Enhancement (VE) technology uniquely utilizes power Doppler flow information to enhance B-mode imaging. The Clarify VE technology option reduces slice thickness artifact in 2D throughout the field of view and reduces noise within macro and micro-vascular structures to further enhance tissue characterization and contrast resolution as well as improve boundary detection between tissues and clearly delineate vessel walls.</li> <li>- TEQ™ ultrasound technology now offers a sophisticated solution for 2D and Spectral Doppler imaging optimization with a push of a button. TEQ ultrasound technology significantly reduces time spent optimizing imaging performance, while improving the consistency and quality of diagnostic exams.</li> <li>- The ACUSON S3000 system Multi-modality Review software license enables side-by-side comparisons of ultrasound with CT and MR images. The rapid query, retrieval, and side-by-side comparison of multiple modalities may aid in the differential diagnosis of lesions and increase accuracy of follow-up measurements performed in the same plane as well as enhance workflow with immediate reference to CT/MR/Mammograms.</li> <li>- The SieScape™ and Color SieScape™ panoramic imaging option allows real-time 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.</li> <li>- Data transfer to Nuance Powerscribe® 360   Reporting enables the ACUSON S3000 ultrasound system to send measurement data at the end of the exam directly to Nuance PowerScribe 360   Reporting via Nuance's Web Services API. The customer is responsible for set up and installation on the PowerScribe 360   Reporting side (creation of custom fields for each desired ACUSON S3000 measurement field in the PowerScribe 360   Reporting database and modification of customer reports to include those custom fields). Customers should contact their Nuance Sales Executive regarding Nuance fees and support services.</li> </ul>

Part No. / Product	Description
<b>(Continued)</b> <b>10441730</b> <b>ACUSON S3000</b> <b>Mainframe</b>	<ul style="list-style-type: none"> <li>- Wireless Connectivity includes the hardware and software needed to enable wireless capabilities on the ACUSON S3000 system. This option is only being offered to qualifying sites that meet certain network specifications</li> </ul>
<b>11286986</b> <b>S3000 VE10x SW</b>	<p>For additional details regarding the ACUSON S3000 system software license or associated features, please refer to the datasheet and/or specifications.</p> <p>The ACUSON S3000 system, HELX Evolution with Touch Control can be configured for the HELX Evolution (VE10X) software level only.</p>
<b>11287063</b> <b>S3000 VE10x Oper</b> <b>Sys, Eng</b>	<p>For additional details regarding the ACUSON S3000 system, HELX™ Evolution with Touch Control with English operating system please refer to the datasheet and/or specifications.</p> <p>The ACUSON S3000 system, HELX Evolution with Touch Control with English operating system can be configured for the HELX Evolution VE10X software level only.</p>
<b>11287066</b> <b>S3000 VE10x English</b> <b>Keyboard</b>	<p>For additional details regarding the ACUSON S3000™ ultrasound system, HELX™ Evolution with Touch Control keyboard option, please refer to the datasheet and/or specifications.</p> <p>The ACUSON S3000™ ultrasound system HELX Evolution with Touch Control keyboard option can be configured for the HELX Evolution VE10X software level only.</p>
<b>10855736</b> <b>S3000 Liver Tissue</b> <b>Analysis USA</b>	<p>Virtual Touch™ applications implement ARFI (Acoustic Radiation Force Impulse) imaging technology to provide both qualitative regional and quantitative focal assessments of deep tissue stiffness.</p> <p>Export of the measurement data is supported through DICOM SR from the dedicated Liver Analysis report.</p>
<b>11151598</b> <b>S3000 Wireless</b> <b>Configuration,Non-</b> <b>EU</b>	<p>At the time of release, the wireless connectivity feature will support only the following specifications:</p> <ul style="list-style-type: none"> <li>- WLAN types and speeds: WLAN type: broadcasting or non-broadcasting, WLAN speed: 802.11b/g, 802.11g, 802.11b, 802.11a and 802.11n</li> <li>- Authentication protocols: Open shared, WPA, WPA-PSK, WPA2, WPA2-PSK</li> <li>- Data encryption types: WEP, TKIP, AES or none</li> <li>- Extensible authentication protocols (EAP): EAP-PEAP-MSCHAPV2(PEAPv0), if used at the site</li> </ul> <p>To ensure functionality, please certify that the site meets the above specifications.</p>
<b>10442080</b> <b>6C2 Transducer (MP),</b> <b>S3000</b>	The 6C2 transducer supports a wide range of applications and imaging features to provide a fully functional high-frequency curved-array transducer.
<b>10442082</b> <b>4C1 Transducer (MP),</b> <b>S3000</b>	<ul style="list-style-type: none"> <li>- The 4C1 transducer supports a wide range of applications and imaging features to provide a fully functional curved-array transducer.</li> </ul>
<b>10442110</b> <b>18L6 HD Transducer,</b> <b>S3000</b>	The 18L6 HD extends over multiple superficial applications.
<b>10442107</b> <b>9L4 Transducer (MP),</b> <b>S3000</b>	The 9L4 transducer extends over multiple applications, including imaging, providing a single-solution transducer.
<b>10442087</b> <b>EV-8C4 Transducer,</b> <b>S3000</b>	The EV8C4 transducer provides essential basic and advanced functionality for the gynecological and obstetrical ultrasound exam.

<b>Part No. / Product</b>	<b>Description</b>
<b>11147932</b> <b>S3000 Gel Warmer</b>	For additional details regarding the ACUSON S3000 system, HELX™ Evolution with Touch Control integrated gel warmer please refer to the datasheet and/or specifications.
<b>11287069</b> <b>S3000 VE10X GI Base Sys</b>	<p>For additional details regarding the ACUSON S3000 system, HELX Evolution with Touch Control GI base system, please refer to the datasheet and/or specifications.</p> <p>The ACUSON S3000 system, HELX Evolution with Touch Control GI base system can be configured for the HELX Evolution VE10X software level only.</p>
<b>11147935</b> <b>S3000 with Touch Control</b>	For additional details regarding the ACUSON S3000 system HELX Evolution with Touch Controls please refer to the datasheet and/or specifications.