

XR US, VAMC PALO ALTO, CA

PO# 640-B44034

Qty	Item Description
1	ACUSON S3000 Mainframe The ACUSON S3000(tm) ultrasound system mainframe is the new ultra-premium system in the expanding ACUSON S Family(tm) of ultrasound systems. It provides first access to the latest Siemens pioneering technologies. The ACUSON S3000 system is the gateway to Siemens' pioneering technologies now and in the future.
1	S3000 HELX VC30 SW The HELX software release for the ACUSON S3000(tm) ultrasound system continues to advance the performance and capabilities of the system and ensure imaging performance which meets the most exacting demands. The release features significant image quality advances with new imaging technologies and modes, an enhanced software user interface with "heads up display" and ease of use workflow functionality. Together with the new Siestream(tm) HD hardware, the HELX software takes the ACUSON S3000 system performance to another level. Continuing to deliver on the promises of premium performance and extraordinary technology.
1	S3000 HELX VC30 Operating Sys Eng
1	S3000 HELX VC30 English Keyboard
1	S3000 115V Power Supply Standard power supply for USA
1	S3000 NTSC Video Interface S3000 Liver Tissue Analysis USA 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**Item Description****S3000 eSie Fusion imaging**

The ACUSON S3000(tm) ultrasound system eSie Fusion(tm) Imaging software license is an option for the new ultra-premium system expanding the ACUSON S Family(tm) ultrasound system. It provides access to fast and easy fusion of computed tomography (CT) and magnetic resonance (MR) volumes with ultrasound, bringing fusion imaging into new focus for both interventional and follow-up ultrasound examinations. The ability to bring complex cases into the ultrasound exam room provides benefits in enhanced utilization of CT and MR with potential radiation dose reduction. Computed tomography (CT) and ultrasound fusion combines the benefits of real-time ultrasound imaging with the global imaging display of CT. However, with previously available Fusion, patients needed to lie completely still during the entire exam to prevent elaborate and time-consuming manual realignments of the registered volumes. eSie Fusion imaging, which is the automatic fusion of real-time ultrasound with 3D computed tomography (CT) volumes, eliminates this onerous requirement and can be performed via a single click. This approach accelerates workflow and improves the accuracy of image alignment, which can allow the seamless integration of fusion imaging into existing practice. MR volume registration is additionally provided and provides significantly enhanced workflow benefits over previously available Fusion methods. This feature is a Siemens pioneering technology and is exclusive to the ACUSON S3000(tm) Ultrasound System.

S3000 eSie Fusion Basic Kit

The ACUSON S3000(tm) ultrasound system eSie Fusion(tm) Imaging Basic Kit is required for eSie Fusion(tm) Imaging. This kit provides the necessary additional hardware to run fusion. The eSie Fusion Basic Kit includes the following: • PN10035045 Cable USB connector to TrakStar2 Box • PN10042515 Power Cable for TrakStar2 Box • PN10441627 General Purpose Sensor for Transducers • PN10441680 Cable Clips & Sensor Mounting PN10441624 Magnetic Field Tracking Box - TrakStar2 The eSie Fusion Imaging Basic Kit must be used in conjunction with the Advanced Kit (MR Transmitter and/or Pole for MRT). This feature is a Siemens pioneering technology and is exclusive to the ACUSON S3000(tm) Ultrasound System.

S3000 eSie Fusion Advanced Kit 1

The ACUSON S3000(tm) ultrasound system eSie Fusion Imaging Advanced Kit is an optional peripheral for eSie Fusion(tm) Imaging but required if Fusion is required in the CT suite. The eSie Fusion Advanced Kit includes the following: • Magnetic Field Generator with Connector Cable • Magnetic Field Generator Mounting Pole The eSie Fusion Imaging Advanced Kit must be used in conjunction with the Basic Kit Kit (General purpose sensor, Electronics Unit, Cable Clips, Sensor Mounting, USB cable, & Power cable), eSieFusion Imaging software license, and Tracking brackets with or without needle guides. This feature is a Siemens pioneering technology and is exclusive to the ACUSON S3000(tm) Ultrasound System.

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S3000 eSie Guide for Fusion

The ACUSON S3000(tm) ultrasound system eSie Guide Imaging Needle Tracking Kit is a required peripheral for eSie Fusion(tm) Imaging with needle guidance. It provides the necessary equipment to track and re-use disposable needles. The ACUSON S3000 system eSie Guide Imaging Needle Tracking Kit includes the following: • Multi-use Needle Sensor • ETRAX Starter Kit with Disposable 16ga Needles

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4C1/6C1 Track Brkt w/guide, S3000

The 4C1 tracking bracket with guide is an attachable transducer bracket compatible with the 4C1 and 6C1 transducers. These brackets aid in needle-guided biopsies.

4V1 Track Brkt w/guide, S3000

The 4V1 tracking bracket with guide is an attachable transducer bracket is compatible with the 4V1 transducer. This bracket aids in needle-guided biopsies.

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S3000 Fusion Cover

4C1 Transducer (MP), S3000

The 4C1 transducer utilizes patented ACUSON(tm) 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 for uniformly narrow image slice thickness, dual frequency NTHI 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, superior ergonomic design for comfort and access. Wideband MultiHertz(tm) multiple frequency imaging provides multiple transmit frequencies ranging for optimal resolution and penetration. Excellent detail resolution is apparent in primary applications including general abdominal, renal, and OB/GYN imaging. The 4C1 transducer is also optimized for those exams that require additional imaging penetration such as technically difficult patients.

14L5 Transducer (MP), S3000

The 14L5 transducer utilizes a patented ACUSON(tm) micro-pinless (MP) connector and is based on Multi-D(tm) matrix array transducer technology for precise beam elevation control and exceptional spatial resolution throughout the field of view as well as 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.

9L4 Transducer (MP), S3000

The 9L4 transducer utilizes patented ACUSON(tm) 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.

18L6 HD Transducer, S3000

The 18L6 HD (High Density) is a large format, 50mm, linear transducer with a 6 to 18 MHz bandwidth. The 18L6 HD 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. eSieTouch(tm) elasticity imaging is supported on the 18L6 HD.

6C1 HD Transducer, S3000

The 6C1 HD high-density array transducer will enhance the ACUSON S3000(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 (DTCE). The transducer technology and design support a frequency range of 6MHz to 1MHz. Both fundamental and harmonic frequencies are supported. Maximum imaging depth is 30 cm.

S3000 HD GI Base System

USB Footswitch, S3000

Ultrasound Apps Training 1 day included

One (1) Day System Installation Applications Training One day on-site general system installation applications training to include basic or advanced training on system 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.

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4V1 Transducer (MP), S3000

The 4V1 is a small footprint transducer featuring microCase(tm) 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 lens transducer technology to provide improved resolution and image uniformity. The 4V1 transducer delivers excellent detail and contrast resolution, high sensitivity in color and spectral Doppler modes, independent frequency selection across modes, superior ergonomic design for comfort and access.

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

Offset Part 10854105 S Family Op Instruct, HELX, English

Offset Part 10854274 S Family Service Manual, HELX

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Item Description

14L5 SP Transducer (MP), S3000

The 14L5 SP transducer utilizes patented ACUSON(tm) 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. The 14L5 SP has 128 elements with a center frequency of 9 MHz. Sterilizable" High Resolution Linear Array for Special Applications.