

VAMC LOS ANGELES, CA
PO# 691-B40005

ACUSON SC2000 ultrasound system

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

Qty	Item Description
1	ACUSON SC2000 Mainframe The ACUSON SC2000(tm) volume imaging ultrasound system is the premier cardiac system for both 2D and 3D volume integrated workflow. Built on a superior architecture platform, the ACUSON SC2000 system delivers 16 times the processing speed of a premium 2D ultrasound system. Empowered by IN Focus Technology, the system delivers excellent image quality for both 2D imaging and real-time full-volume imaging. Volume acquisition can be performed at 90 degrees x 90 degrees with up to 40 volumes per second. The eSieScan(tm) Workflow Protocols and knowledge-based workflow technologies simplify the integration of 2D and volume imaging protocols to improve day to day efficiency. The ACUSON SC2000 ultrasound system is protected against viruses, malware and other threats by Ultrasound System Security, powered by McAfee(r) Embedded Security solutions.
1	SC2000 3.0 SW Base software to support all release 3.0 imaging and advanced applications.
1	SC2000 3.0 Operating Sys, Spanish
1	115V Power Supply SC2000
1	NTSC Video Interface SC2000
1	SC2000 eSie Measure Pkg The eSie Measure(tm) workflow acceleration package is the first innovative application that provides semi-automated measurements for routine echo exams, improving efficiency and consistency for end users. Based on a knowledge base of over a thousand expert-traced datasets, the eSie Measure package improves accuracy and reproducibility. With a push of a button, the eSie Measure package semi-automatically generates reliable measurement data for 2D, M-mode and spectral Doppler, increasing consistency of each exam, while reducing key strokes.
1	Pediatric Imaging package The Pediatric Imaging package enables transthoracic pediatric imaging a comprehensive calculation package.
1	SC2000 2D Stress Echo The Stress Echo application provides tools for ECG-triggered acquisition, display, selection, comparison, evaluation and archiving of multiple cardiac loops during various stages of a Stress Echo examination.
1	Stress Echo Ext/Adapter Cables Sequoia and CV70 stress echo adapter cables.

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syngo Auto Left Heart

Automatically detects left ventricular and left atrial borders, generating measurements with little to no user interaction on typical 2D adult transthoracic images.

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SC2000 Wireless Readiness

Includes the hardware and software needed to enable wireless capabilities on the system

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4V1c Transthoracic Transducer

A vector wide-view array transducer for transthoracic adult and pediatric echocardiography.

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8V3 Pediatric Transducer

A vector wide-view array transducer for pediatric and fetal echocardiography.

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Aux CW Transducer

2.0 MHz Non-imaging Doppler transducer for transthoracic adult and pediatric continuous wave spectral Doppler echocardiography.

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SC2000 3.0 Cardiac Base System

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SC2000 Gel Warmer

The gel warmer includes a power supply.

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ECG Leads, USA Type

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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.

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Sequoia w/CRT SN>53500 Trd-in plus elev

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.

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Additional Manuals for Govt-SC2000

Detailed Technical Specifications

ACUSON SC2000 ultrasound system

/ Product	Description
ACUSON SC2000 Mainframe	<p>The system mainframe comes standard with eSieScan™ Workflow Protocols, Cardiac Calculation Package, Physiologic Module, imaging enhancement technologies including Native™ Tissue Harmonic Imaging (NTHI), and IN Focus Technology, the next generation Coherent Image Formation technique.</p> <p>eSieScan Workflow Protocols: eSieScan workflow protocols guide the operator through the clinical workflow steps required to complete an exam. Using protocol-driven workflow ensures a consistent, repeatable process with reduced keystrokes, thus leading to more accurate outcomes. With the ability to customize the protocol, a user can structure the protocol to meet the lab's needs.</p> <p>Workflow protocols include automated features for:</p> <ul style="list-style-type: none"> - Automatic mode and measurement activation (4D, color Doppler, spectral Doppler, Thin Volume or 2D, M-mode) - Transducer switching (necessary to go from 2D imaging to 4D imaging) - Available for Adult and Pediatric Echo <p>IN Focus Technology: IN Focus Technology is the next generation real-time Coherent Image Formation technique that provides dynamic transmit focus at all depths for superior 2D and volume imaging without user intervention. This technique allows each transducer to reach its highest beamforming potential in terms of detail and contrast resolution.</p> <p>Unlike conventional beamforming where transmit is focused at a single depth within a scan, or focal zone, IN Focus Technology builds up transmit focusing at every point in the image for the entire field of view by combining information from overlapping transmit events. This is equivalent to hundreds of transmit focal zones from near to far field. Using the power of up to 64 parallel receive beams and the unique coherent imageformer engine, IN Focus Technology gathers and processes enough unique information from each firing to retrospectively achieve two-way focusing at all depths without any user intervention. In addition to delivering superior image quality, IN Focus Technology also improves user workflow by eliminating the need for continuous focal point adjustment as in conventional imaging.</p> <p>The ACUSON SC2000 system mainframe also includes the DICOM package with all classes as defined in the DICOM conformance statement such as DICOM Structured Report, DICOM Query/Retrieve, DICOM Store/Print, and Modality Worklist.</p>
SC2000 3.0 SW	<p>Capture preview will allow user to preview the clip before storing the data as part of the study. TEQ™ ultrasound technology (TEQ) offers a sophisticated solution for 2D gain optimization capabilities in the manual mode.</p>
Stress Echo Ext/Adapter Cables	<p>Fifteen foot ECG cable with adapters for connecting external ECG sources.</p>
4V1c Transthoracic Transducer	<p>Supports the following imaging modes:</p> <ul style="list-style-type: none"> - 2D - Color Doppler (CDV, DTV, DTE) - M-mode - Spectral Doppler (PW, CW, PW DTI) - LVO contrast

/ Product	Description
8V3 Pediatric Transducer	<p>Supports the following features:</p> <p>B-mode Imaging</p> <ul style="list-style-type: none"> - Four fundamental frequencies: 3.0, 4.0, 6.0, 8.0 MHz - Two harmonic frequencies: H5.0, H6.0 MHz - IN Focus Technology <p>Color Doppler Imaging</p> <ul style="list-style-type: none"> - Color Doppler Velocity (CDV) <ul style="list-style-type: none"> Four frequencies: 2.5, 3.5, 5.0, 6.0 MHz - Doppler Tissue Velocity (DTV) and Doppler Tissue Energy (DTE) <ul style="list-style-type: none"> Four frequencies: 2.5, 3.5, 5.0, 6.0 MHz <p>Spectral Doppler</p> <ul style="list-style-type: none"> - CW Spectral Doppler at frequencies: 3.0, 3.5 MHz - PW Spectral Doppler at frequencies: 2.5, 3.5, 5.0 MHz <ul style="list-style-type: none"> - PW Doppler tissue imaging (DTI) at frequencies: 3.5, 5.0 MHz <p>M-mode</p> <ul style="list-style-type: none"> - Two harmonic frequencies: H5.0, H6.0 MHz - Four fundamental frequencies: 3.0, 4.0, 6.0, 8.0 MHz - Color M-mode (CDV, DTV, DTE) at frequencies: 2.5, 3.5, 5.0, 6.0 MHz <p>RES enhanced resolution imaging</p>