

483-B20017

XR-US, VAMC DURHAM, NC

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### **ACUSON S2000 Mainframe**

The ACUSON S2000(tm) ultrasound system is a multi-speciality 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 19" 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 SW 3.0**

Release 3.0 (VC10) for the ACUSON S2000(tm) ultrasound system continues to advance the performance and capabilities of the system. The unmatched ability to deliver comprehensive information to make a differential diagnosis even in the most challenging cases makes this the system to have "When you need to know more." The system's powerful imaging is further enhanced over previous releases and enables the 6C1 HD transducer. Improvements and expanded capabilities in Cadence(tm) Contrast Agent Imaging technology\*\* strengthens the system's ability to deliver penetrating insight. The system's smart workflow improves with moveable (drag & drop) annotations. This release also now includes virus protection via McAfee(r) Embedded Security solution, which protects the system against Advanced Persistent Threats, viruses, malware and other executing software. eSieScan(tm) workflow protocols allow the operator to focus on patient care, rather than system interaction by anticipating and executing the exam based on customizable programs. DICOM functionality including Structured Reporting, Modality Worklist and Query/Retrieve are included as part of the system's core functionality. Report data can also be transferred to external locations in .xml file format. \*\*At the time of publication, the U.S. Food and Drug Administration has cleared ultrasound agents only for use in LVO. Check current regulations for the country in which you are using this system for contrast agent clearance.

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### **S2000 Operating Sys, English, 3.0**

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### **115V Power Supply**

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### **S2000 NTSC Video Interface**

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## **S2000 General Imaging Technologies**

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, 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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## **S2000 3-Scape 3D Imaging**

3-Scape(tm) real-time 3D imaging is fully integrated into the ACUSON S2000(tm) ultrasound system, providing real-time construction of 3D images during free-hand acquisition. 3-Scape imaging offers multiple rendering methods, an array of editing tools, and 3D storage and retrieval functionality. 3-Scape imaging is available in 2D, THI, and Power modes. When purchased with the ACUSON S2000(tm) Advanced SieClear spatial compounding, 3D Dynamic TCE is available which provides a rendered volume with speckle reduction algorithm applied. The volumes are presented with an increased quality for a diagnostic confidence never before seen in volume imaging.

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## **S2000 syngo eSieCalc**

ACUSON S2000 syngo(r) eSie Calcs(tm) native tracing software provides the ultimate workflow solution for performing traced measurements. syngo eSie Calcs software performs automated trace measurements with area, circumference, linear and volume results. Measurements can be unlabeled or labeled and stored in the report. Workflow allows for the flexibility of measure-then-label or label-then-measure keystrokes. syngo eSie Calcs software can be utilized in place of manually traced measurements. Editing tools provide for quick realignment of the automatic trace.

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## **6C2 Transducer (MP), S2000**

The 6C2 transducer utilizes ACUSON(tm) 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 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, OB/Gyn and fetal heart imaging.

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## **4C1 Transducer (MP), S2000**

The 4C1 transducer utilizes ACUSON(tm) 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 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.

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## **EV8C4 transducer, S2000**

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.

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#### **4V1 Transducer (MP), S2000**

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 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.

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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 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.

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#### **Ultrasound Apps Training 1 day included**

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#### **Additional Manual for Govt-S2000**

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#### **S2000 English Keyboard**

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