ACUSON SC2000™
Ultrasound System

Precision at the Speed of Life | Release 5.0
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Z6Ms Transducer

Frequency Bandwidth: 3.0 – 6.3 MHz
Compatible With: ACUSON SC2000™ Ultrasound System
Exam Types: Transesophageal Echo

Design Attributes:
• Matrix array with active electronics for transesophageal real-time full volume imaging
• Supports bi-plane, 2D, color Doppler (CDV, DTV), spectral Doppler (PW, PW DTI, CW), M-mode, color M-mode, and full volume imaging in B-mode and color Doppler
• Endoscope diameter = 10.2 mm, length = 100 cm
• Tip size: width = 15.5 mm, height = 12 mm, circumference = 49.8 mm
• Ergonomic design with one hand control and programmable buttons

4Z1c Transducer

Frequency Bandwidth: 1.5 – 3.5 MHz
Applications: Transthoracic Adult Echo, Volume Stress Echo, Contrast Agent Studies

Design Attributes:
• Matrix array with active electronics designed for transthoracic adult full volume echocardiography
• Supports volume imaging, 2D, color Doppler (CDV, DTV, DTE), spectral Doppler (PW, DTI) and alternate line phased contrast agent imaging*
• Patented active cooling
  – The 4Z1c transducer features a revolutionary, patented active cooling technology. Active cooling enables the 4Z1c transducer to image with full output power within regulatory limits, resulting in improved penetration, reduced noise and high volume acquisition rates when compared to conventional 3D transducers
• Patented ergonomic design
  – Elastogrip™ ergonomic grip coating and palmar shape reduce operator fatigue

* At the time of publication, the U.S. Food and Drug Administration has cleared ultrasound contrast agents only for use in LVO. Check the current regulations for the country in which you are using this system for contrast agent clearance.
### 4V1c Transducer

<table>
<thead>
<tr>
<th>Frequency Bandwidth:</th>
<th>1.25 – 4.5 MHz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compatible with:</td>
<td>ACUSON S3000™ ultrasound system</td>
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<tr>
<td></td>
<td>ACUSON S2000™ ultrasound system</td>
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<tr>
<td></td>
<td>ACUSON S1000™ ultrasound system</td>
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<tr>
<td></td>
<td>ACUSON Sequoia™ ultrasound system</td>
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<td></td>
<td>ACUSON X700™ ultrasound system</td>
</tr>
<tr>
<td>Applications:</td>
<td>Transthoracic Adult Echo, Pediatric Echo, 2D Stress Echo, Contrast Agent Studies</td>
</tr>
<tr>
<td>Design Attributes:</td>
<td>• The 4V1c transthoracic transducer utilizes Hanafy lens transducer technology to provide excellent elevation focusing and uniform beam intensity throughout the field of view</td>
</tr>
<tr>
<td></td>
<td>• Supports IN Focus Coherent Imaging technology, a new standard in information imaging to deliver full field of view in focus without user intervention, resulting in excellent detail and contrast resolution at all depths</td>
</tr>
<tr>
<td></td>
<td>• Supports 2D, color Doppler (CDV, DTV, DTE), spectral Doppler (PW, CW, DTI) and contrast agent imaging*</td>
</tr>
</tbody>
</table>

* At the time of publication, the U.S. Food and Drug Administration has cleared ultrasound contrast agents only for use in LVO. Check the current regulations for the country in which you are using this system for contrast agent clearance.

### 8V3 Transducer

<table>
<thead>
<tr>
<th>Frequency Bandwidth:</th>
<th>3.0 – 8.0 MHz</th>
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<tr>
<td>Compatible with:</td>
<td>ACUSON S3000 ultrasound system</td>
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<tr>
<td></td>
<td>ACUSON S2000 ultrasound system</td>
</tr>
<tr>
<td></td>
<td>ACUSON S1000 ultrasound system</td>
</tr>
<tr>
<td></td>
<td>ACUSON Sequoia ultrasound system</td>
</tr>
<tr>
<td>Applications:</td>
<td>Fetal Echo, Neonatal Echo, Pediatric Echo</td>
</tr>
<tr>
<td>Design Attributes:</td>
<td>• Hanafy lens transducer technology</td>
</tr>
<tr>
<td></td>
<td>• Vector™ wide-view imaging format</td>
</tr>
<tr>
<td></td>
<td>• User-selectable MultiHertz™ multiple frequency imaging</td>
</tr>
</tbody>
</table>
### 10V4 Transducer

**Frequency Bandwidth:** 4.0 – 10.0 MHz  
**Compatible with:** ACUSON SC2000 ultrasound system, Release 3.0 and later  
ACUSON S3000 ultrasound system  
ACUSON S2000 ultrasound system  
ACUSON S1000 ultrasound system  
ACUSON Sequoia ultrasound system  
**Exam Types:** Neonatal Echo, Pediatric Echo  
**Design Attributes:**  
- Vector imaging format  
- User-selectable MultiHertz Imaging

### V5Ms Transducer

**Frequency Bandwidth:** 3.0 – 7.0 MHz  
**Compatible with:** ACUSON S3000 ultrasound system  
ACUSON S2000 ultrasound system  
ACUSON S1000 ultrasound system  
ACUSON X700 ultrasound system  
ACUSON X300™ ultrasound system PE  
ACUSON Sequoia ultrasound system  
**Applications:** Transeosophageal Echo  
**Design Attributes:**  
- Endoscope diameter = 10.5 mm, length = 110 cm  
- Adult tip size: width = 14.5 mm, height = 11.5 mm  
- Ergonomic design featuring one-hand control with variable speed rotation: 90° per sec  
- RF shielding  
- User-selectable MultiHertz imaging
V7M Transducer

**Frequency Bandwidth:** 4.0 – 8.0 MHz

**Compatible with:**
- ACUSON SC2000 ultrasound system, Release 3.0 and later
- ACUSON S3000 ultrasound system
- ACUSON S2000 ultrasound system
- ACUSON S1000 ultrasound system
- ACUSON Sequoia ultrasound system

**Exam Types:** Pediatric and adult transesophageal echo

**Design Attributes:**
- Endoscope diameter = 7.0 mm; length = 70 cm
- Small tip size for increased patient comfort: width = 10.9 mm, thickness = 8.0 mm, circumference = 22 mm
- Ergonomic design featuring one-hand control
- Manual rotation: -10° – 190°
- Vector imaging format phased array
- User-selectable MultiHertz Imaging

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9L4 Transducer

**Frequency Bandwidth:** 4.0 – 9.0 MHz

**Compatible with:**
- ACUSON S3000 ultrasound system
- ACUSON S2000 ultrasound system
- ACUSON S1000 ultrasound system
- ACUSON Sequoia ultrasound system

**Applications:** Carotid, Peripheral Vascular Arterial, Peripheral Vascular Venous

**Design Attributes:**
- Multi-D matrix transducer
- Ergonomically designed form factor
- Lightweight transducer with flexible cable
- User-selectable MultiHertz multiple frequency imaging
- Harmonic compounding
### 6C1 Transducer

<table>
<thead>
<tr>
<th>Frequency Bandwidth</th>
<th>1.5 – 6.0 MHz</th>
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</thead>
<tbody>
<tr>
<td>Compatible with:</td>
<td>ACUSON SC2000 ultrasound system, Release 3.5 and later</td>
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<tr>
<td></td>
<td>ACUSON S3000 ultrasound system</td>
</tr>
<tr>
<td></td>
<td>ACUSON S2000 ultrasound system</td>
</tr>
<tr>
<td></td>
<td>ACUSON S1000 ultrasound system</td>
</tr>
<tr>
<td>Exam Types:</td>
<td>Abdomen</td>
</tr>
<tr>
<td>Design Attributes:</td>
<td>• Curved Vector imaging format</td>
</tr>
<tr>
<td></td>
<td>• Hanafy lens transducer technology</td>
</tr>
<tr>
<td></td>
<td>• User-selectable MultiHertz imaging</td>
</tr>
<tr>
<td></td>
<td>• Ergonomic design with ElastoGrip ergonomic grip coating</td>
</tr>
</tbody>
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### Aux CW

<table>
<thead>
<tr>
<th>Selectable CW Doppler Frequency</th>
<th>2 MHz</th>
</tr>
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<tbody>
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<tr>
<td></td>
<td>ACUSON S1000 ultrasound system</td>
</tr>
<tr>
<td></td>
<td>ACUSON X700 ultrasound system</td>
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<td>ACUSON X300 ultrasound system</td>
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</tbody>
</table>
### AcuNav 8F*

**Frequency Bandwidth:** 5.0 – 10.0 MHz

**Compatible with:**
- ACUSON SC2000 ultrasound system, Release 2.0 and later
- ACUSON S3000 ultrasound system
- ACUSON S2000 ultrasound system
- ACUSON S1000 ultrasound system
- ACUSON X300™ ultrasound system, premium edition
- ACUSON CV70™ cardiovascular system
- ACUSON Cypress™ cardiovascular system
- ACUSON P50™ ultrasound system
- ACUSON Sequoia™ CS12 echocardiography system
- ACUSON Sequoia™ C256 echocardiography system
- ACUSON X700™ ultrasound system

**Applications:**
- Adult Intracardiac Echocardiography
- Pediatric Intracardiac Echocardiography

**Design Attributes:**
- 8 French catheter (2.7 mm diameter)
- 90 cm insertable length
- Sterile, single-use advanced miniaturization ACUSON AcuNav™ ultrasound catheter family
- Reusable SwiftLink™ catheter connector
- Four-way steering in two planes: 160° in each direction
- Longitudinal side-fire imaging
- Vector imaging format

* For purchase or inquiries, contact Biosense Webster: USA (+1-909-839-8500 and +1-800-729-9010), Belgium +32-2-352-1411, Asia Pacific +(65) 6827-6100.

### AcuNav 10F*

**Frequency Bandwidth:** 5.0 – 10.0 MHz

**Compatible with:**
- ACUSON SC2000 ultrasound system, Release 2.0 and later
- ACUSON S3000 ultrasound system
- ACUSON S2000 ultrasound system
- ACUSON X300 ultrasound system, premium edition
- ACUSON CV70 cardiovascular system
- ACUSON Cypress cardiovascular system
- ACUSON P50 ultrasound system
- ACUSON Sequoia C512 echocardiography system
- ACUSON Sequoia C256 echocardiography system
- ACUSON X700 ultrasound system

**Applications:**
- Adult Intracardiac Echocardiography
- Pediatric Intracardiac Echocardiography

**Design Attributes:**
- 10 French catheter (3.3 mm diameter)
- 90 cm insertable length
- Sterile, single-use advanced miniaturization ACUSON AcuNav ultrasound catheter family
- Reusable SwiftLink catheter connector
- Four-way steering in two planes: 160° in each direction
- Longitudinal side-fire imaging
- Vector imaging format
- DTI capability

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AcuNav V

**Frequency Bandwidth:** 5.0 – 10.0 MHz

**Applications:**
- Adult Intracardiac Echocardiography
- Pediatric Intracardiac Echocardiography

**Design Attributes:**
- 10 French catheter (3.3 mm diameter)
- 90 cm insertable length
- Sterile, single-use advanced miniaturization ACUSON AcuNav ultrasound catheter family
- Reusable Swiftlink V catheter connector
- Four-way steering in two planes: 160° in each direction
- Longitudinal side-fire imaging
- Vector imaging format
- DTI capability

SoundStar 10F*

**Frequency Bandwidth:** 4.0 – 10.0 MHz

**Compatible with:**
- ACUSON X700 ultrasound system
- ACUSON X300 ultrasound system, premium edition
- ACUSON Sequoia C512 echocardiography system
- ACUSON Sequoia C256 echocardiography system

**Applications:** Intracardiac Echocardiography

**Design Attributes:**
- 10 French catheter (3.3 mm diameter)
- 90 cm insertable length
- Sterile, single-use advanced miniaturization ACUSON AcuNav ultrasound catheter family
- Reusable Swiftlink catheter connector
- Four-way steering in two planes: 160° in each direction
- Longitudinal side-fire imaging
- Supported by CARTO 3 Mapping System from Biosense Webster

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Frequency Bandwidth measurements represent bandwidth at ± 20 dB.

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AcuNav, ACUSON, ACUSON P50, ACUSON S1000, ACUSON S2000, ACUSON S3000, ACUSON SC2000, ACUSON X300, ACUSON X700, CV70, Cypress, DTI, Elastogrip, Multi-D, MultiHertz, Sequoia, SwiftLink and Vector are trademarks of Siemens Medical Solutions USA, Inc.