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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

Frequency Bandwidth: 1.25 – 4.5 MHz

Applications: Transthoracic Adult Echo, Pediatric Echo, 2D Stress Echo, Contrast Agent Studies

Design Attributes:

• The 4V1c transthoracic transducer utilizes Hanafy lens transducer technology to provide excellent elevation focusing and uniform beam intensity throughout the field of view.
• 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.
• Supports 2D, color Doppler (CDV, DTV, DTE), spectral Doppler (PW, CW, DTI) and contrast agent imaging*.

*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

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<th>Frequency Bandwidth:</th>
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<td>Applications:</td>
<td>Fetal Echo, Neonatal Echo, Pediatric Echo</td>
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**Design Attributes:**
- Hanafy lens transducer technology
- Vector™ wide-view imaging format
- User-selectable MultiHertz™ multiple frequency imaging

### 10V4 Transducer

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<th>Frequency Bandwidth:</th>
<th>4 – 10 MHz</th>
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<td>Exam Types:</td>
<td>Neonatal Echo, Pediatric Echo</td>
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**Design Attributes:**
- Vector imaging format
- User-selectable MultiHertz Imaging
### VSMs Transducer

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<th>Frequency Bandwidth:</th>
<th>3 – 7 MHz</th>
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<td>Applications:</td>
<td>Transeosophageal Echo</td>
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**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 – 8 MHz

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
9L4 Transducer

Frequency Bandwidth: 4 – 9 MHz

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 HD Transducer

Frequency Bandwidth: 1.5 – 6.0 MHz

Exam Types: Abdomen

Design Attributes:
- Curved Vector imaging format
- Hanafy lens transducer technology
- User-selectable MultiHertz imaging
- Ergonomic design with ElastoGrip™ ergonomic grip coating
**AcuNav 8F+**

**Frequency Bandwidth:** 5 – 10 MHz

**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.

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**Aux CW**

**Selectable CW Doppler Frequencies:** 2 MHz
**AcuNav 10F⁺**

**Frequency Bandwidth:** 5 – 10 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 catheter connector
- Four-way steering in two planes: 160° in each direction
- Longitudinal side-fire imaging
- Vector imaging format
- DTI capability

* 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 V**

**Frequency Bandwidth:** 5 – 10 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

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**SoundStar 10F+**

**Frequency Bandwidth:** 4.0 – 10.0 MHz

**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.

AcuNav, ACUSON, ACUSON P50, 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.

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