Transducers

ACUSON P500™ Ultrasound System
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CH5-2 Transducer

Part Number: 1105184
Frequency Bandwidth: 1.4 – 5.0 MHz
Selectable 2D Frequencies: 2.5, 3.6, 5.0 MHz
Selectable THI (TEI) Frequencies: 3.1, 3.6, 4.4, 5.0 MHz
Selectable Color Doppler Frequencies: 2.0, 2.7, 3.3 MHz
Selectable Pulsed Wave Frequencies: 2.0, 2.7, 3.3 MHz
Number of Elements: 128
Footprint: 61.1 mm
Maximum Field of View: 57°
Maximum Display Depth: 300 mm
Biopsy Guide Kit: Needle Guide Kit, PN 11253619
Biopsy Guide Angles: 45°(A), 30.5°(B)
Exam Types: Abdominal, Obstetrics, Gynecology, Pelvis, Renal, Emergency Medicine, Vascular and Pediatrics

Design Attributes:
• Wide bandwidth curved array transducer
• Hanafy lens transducer technology
• User-selectable MultiHertz™ multiple frequency imaging
• Ergonomically designed form factor
• Lightweight transducer with flexible cable

EC9-4 Transducer

Part Number: 10785548
Frequency Bandwidth: 3.3 – 10.3 MHz
Selectable 2D Frequencies: 5.0, 6.7, 8.0 MHz
Selectable THI (TEI) Frequencies: 5.7, 6.6, 9.4 MHz
Selectable Color Doppler Frequencies: 4.0, 5.3, 6.2 MHz
Selectable Pulsed Wave Frequencies: 4.0, 5.3, 6.2 MHz
Number of Elements: 128
Footprint: 26.2 mm
Maximum Field of View: 131°
Maximum Display Depth: 140 mm
Biopsy Guide Kit: Disposable PN 11235348, Reusable PN 11253622
Biopsy Guide Angles: 2°
Exam Types: Obstetrics, Gynecology, Emergency Medicine, Prostate

Design Attributes:
• User-selectable MultiHertz imaging
• Ergonomically designed form factor
• Lightweight transducer with flexible cable
VF10-5 Transducer

Part Number: 10146142
Frequency Bandwidth: 4.0 – 11.4 MHz
Selectable 2D Frequencies: 6.2, 8.0, 10.0 MHz
Selectable THI (TEI) Frequencies: 7.3, 8.0, 9.4 MHz
Selectable Color Doppler Frequencies: 4.0, 5.3, 6.2 MHz
Selectable Pulsed Wave Frequencies: 4.0, 5.3, 6.2 MHz
Number of Elements: 128
Footprint: 38.4 mm
Maximum Field of View: N/A
Maximum Display Depth: 100 mm
Biopsy Guide Kit: SG-3 Needle Guide Set, PN 11253617
Biopsy Guide Angles: 52°(A), 40°(B)
Exam Types: Breast, Cerebrovascular, Emergency Medicine, MSK, Small Parts, Peripheral Arterial and Vein, Peripheral Venous, Pediatrics

Design Attributes:
• Wide bandwidth linear transducer
• Virtual format imaging
• User-selectable MultiHertz imaging
• Ergonomically designed form factor
• 2D beam steering
• Lightweight transducer with flexible cable

VF13-5 Transducer

Part Number: 11015188
Frequency Bandwidth: 4.1 – 12.1 MHz
Selectable 2D Frequencies: 7.3, 8.9, 11.4 MHz
Selectable THI (TEI) Frequencies: 8.0, 8.8, 10.7 MHz
Selective Color Doppler Frequencies: 4.7, 5.7, 7.3 MHz
Selectable Pulsed Wave Frequencies: 4.7, 5.7, 7.3 MHz
Number of Elements: 128
Footprint: 38.4 mm
Maximum Field of View: N/A
Maximum Display Depth: 60 mm
Biopsy Guide Kit: SG-4 Needle Guide Set, PN 11253618
Biopsy Guide Angles: 53°
Exam Types: Breast, Cerebrovascular, Emergency Medicine, MSK, Small Parts, Peripheral Arterial and Vein, Peripheral Venous, Pediatrics

Design Attributes:
• Wide bandwidth linear transducer
• Virtual format imaging
• User-selectable MultiHertz imaging
• Ergonomically designed form factor
• 2D beam steering
• Lightweight transducer with flexible cable
P4-2 Transducer

Part Number: 11015185
Frequency Bandwidth: 1.3 – 4.4 MHz
Selectable 2D Frequencies: 2.5, 3.1, 3.6 MHz
Selectable THI (TEI) Frequencies: 3.0, 3.6, 4.0 MHz
Selectable Color Doppler Frequencies: 2.2, 2.5, 3.3 MHz
Selectable Pulsed Wave Frequencies: 2.2, 2.5, 3.3 MHz
Selectable Continuous Wave Frequencies: 2.0 MHz
Number of Elements: 64
Footprint: 16.6 mm
Maximum Field of View: 90°
Maximum Display Depth: 30 cm
Biopsy Guide Kit: N/A
Biopsy Guide Angles: N/A
Exam Types: Abdominal, Obstetrics, Emergency Medicine, Cardiac
Design Attributes:
• Wide bandwidth phased array transducer
• User-selectable MultiHertz imaging
• Ergonomically designed form factor
• Lightweight transducer with flexible cable

VF16-5 Transducer

Part Number: 11319509
Frequency Bandwidth: 5.0 – 15.0 MHz
Selectable 2D Frequencies: 8.0, 12.0, 15.0 MHz
Selectable THI (TEI) Frequencies: 9.0, 10.3, 12.6, 14.0 MHz
Selectable Color Doppler Frequencies: 5.3, 6.2 MHz
Selectable Pulsed Wave Frequencies: 5.3, 6.2 MHz
Number of Elements: 192
Footprint: 34.8 mm
Maximum Field of View: N/A
Maximum Display Depth: 6.0 cm
Biopsy Guide Kit: Needle Guide Set, PN 11319510
Biopsy Guide Angles: Free Angle
Exam Types: Breast, Cerebrovascular, Emergency Medicine, MSK, Sup MSK, Peripheral Arterial and Vein, Pediatrics
Design Attributes:
• Wide bandwidth linear transducer
• Virtual format imaging
• Hanafy lens transducer technology
L10-5v Transducer

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<tr>
<th>Feature</th>
<th>Details</th>
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<tr>
<td>Part Number:</td>
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<tr>
<td>Frequency Bandwidth:</td>
<td>3.5 – 13.0 MHz</td>
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<td>Selectable THI (TEI) Frequencies:</td>
<td>7.3, 8.0, 9.4 MHz</td>
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<tr>
<td>Selectable Color Doppler Frequencies:</td>
<td>4.0, 5.3, 6.2 MHz</td>
</tr>
<tr>
<td>Selectable Pulsed Wave Frequencies:</td>
<td>4.0, 5.3, 6.2 MHz</td>
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<tr>
<td>Number of Elements:</td>
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<tr>
<td>Footprint:</td>
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<tr>
<td>Maximum Field of View:</td>
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<tr>
<td>Maximum Display Depth:</td>
<td>10 cm</td>
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<tr>
<td>Biopsy Guide Kit:</td>
<td>Needle Guide Set PN 11319513</td>
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<tr>
<td>Biopsy Guide Angles:</td>
<td>51.5°, 38°</td>
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<tr>
<td>Exam Types:</td>
<td>Breast, Cerebrovascular, Emergency Medicine, MSK, Small Part, Peripheral Arterial and Vein, Peripheral Venous, Pediatrics</td>
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| Design Attributes:              | • Wide bandwidth linear transducer  
|                                 | • Virtual format imaging  
|                                 | • Hanafy lens transducer technology|

P8-4 Transducer

<table>
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<tr>
<td>Part Number:</td>
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<td>Footprint:</td>
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<td>Maximum Display Depth:</td>
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<td>Biopsy Guide Angles:</td>
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<tr>
<td>Exam Types:</td>
<td>Neonatal Head, Pediatric Abdomen, Pediatric Echo</td>
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</tbody>
</table>
| Design Attributes:              | • Wide bandwidth phased array transducer  
|                                 | • User-selectable MultiHertz imaging  
|                                 | • Ergonomically designed form factor  
|                                 | • Lightweight transducer with flexible cable |
### CW2 Transducer

<table>
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<th>Specification</th>
<th>Value</th>
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<tr>
<td>Part Number</td>
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<td>Selectable THI (TEI) Frequencies</td>
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<td>Selectable Color Doppler Frequencies</td>
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<tr>
<td>Biopsy Guide Kit</td>
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<td>Biopsy Guide Angles</td>
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<tr>
<td>Exam Types</td>
<td>Cardiac, Pediatric Echo, Adult Echo</td>
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### CW5 Transducer

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<td>Footprint</td>
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<tr>
<td>Maximum Display Depth</td>
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<tr>
<td>Biopsy Guide Kit</td>
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<td>Biopsy Guide Angles</td>
<td>N/A</td>
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<tr>
<td>Exam Types</td>
<td>Cerebrovascular, Pediatric Echo</td>
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**ACUSON P500 Ultrasound System**

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**AcuNav 8F Transducer (Adult intracardiac echocardiography)**

- **Part Number:** 8267996
- **Frequency Bandwidth:** 3.0 – 10.0 MHz
- **Selectable 2D Frequencies:** 5.0, 6.7, 8.9 MHz
- **Selectable THI (TEI) Frequencies:** N/A
- **Selectable Color Doppler Frequencies:** 4.0, 5.0 MHz
- **Selectable Pulsed Wave Frequencies:** 4.0, 5.0 MHz
- **Number of Elements:** 64
- **Footprint:** 7.0 mm
- **Maximum Field of View:** 90°
- **Maximum Display Depth:** 160 mm
- **Biopsy Guide Kit:** Not available
- **Biopsy Guide Angles:** N/A
- **Exam Types:** Intracardiac

**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)

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**AcuNav 10F Transducer (Adult intracardiac echocardiography)**

- **Part Number:** 8255790
- **Frequency Bandwidth:** 2.2 – 11.0 MHz
- **Selectable 2D Frequencies:** 5.0, 6.7, 8.9 MHz
- **Selectable THI (TEI) Frequencies:** N/A
- **Selectable Color Doppler Frequencies:** 4.0, 5.0 MHz
- **Selectable Pulsed Wave Frequencies:** 4.0, 5.0 MHz
- **Number of Elements:** 64
- **Footprint:** 7.0 mm
- **Maximum Field of View:** 90°
- **Maximum Display Depth:** 160 mm
- **Biopsy Guide Kit:** Not available
- **Biopsy Guide Angles:** N/A
- **Exam Types:** Intracardiac

**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

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