ACUSON Cypress™ Cardiovascular System PLUS
Transducer Options
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<th>Transducer</th>
<th>Primary Application</th>
<th>B-Mode Frequencies</th>
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<th>Number of Elements</th>
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<th>Field of View</th>
<th>Array Length</th>
<th>Compatible with</th>
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<tr>
<td><strong>3V2c</strong></td>
<td>Adult Cardiac</td>
<td>1.8 – 3.6 MHz harm., 2.7 MHz fund.</td>
<td>4.3 MHz</td>
<td>64</td>
<td>13 mm x 11 mm</td>
<td>162 mm</td>
<td>9.6 mm</td>
<td>Cypress, Cypress CV system</td>
</tr>
<tr>
<td><strong>4C1</strong></td>
<td>Abdominal Vascular</td>
<td>1.8 – 3.6 MHz</td>
<td>2.1 MHz</td>
<td>128</td>
<td>63.5 mm x 15.4 mm x 62.5 mm radius</td>
<td>290 mm</td>
<td>61.056 mm</td>
<td>Cypress CV system</td>
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<tr>
<td><strong>7L3</strong></td>
<td>Vascular</td>
<td>5.4 – 6.6 MHz</td>
<td>4.3 MHz</td>
<td>128</td>
<td>44 mm x 9 mm</td>
<td>99 mm</td>
<td>38.4 mm</td>
<td>Cypress CV system</td>
</tr>
<tr>
<td><strong>7V3c</strong></td>
<td>Pediatric Cardiac</td>
<td>5.4 – 6.4 MHz</td>
<td>3.6 MHz</td>
<td>64</td>
<td>13 mm x 11 mm</td>
<td>162 mm</td>
<td>9.6 mm</td>
<td>Cypress, Cypress CV system</td>
</tr>
</tbody>
</table>

### Features
- Wideband phased array transducer with a Cypress system type connector
- 2 – 4 MHz frequency range
- High detail, contrast and temporal resolution
- High sensitivity in color and spectral Doppler velocity modes
- High frame rates in 2D and Color Doppler velocity mode
- Superior ergonomics for comfort and access
- 2D, Harmonics, Color (velocity and energy), PW, CW, M-Mode
**V5Ms Transducer**

- **Primary Application**: Cardiac
- **B-Mode Frequencies**: 5.0 MHz – 6.0 MHz
- **C-Mode Frequencies**: 3.6 MHz
- **Doppler Frequency**: 3.6 MHz
- **Number of Elements**: 64
- **Tip Diameter nominal fit**: 17 mm
- **Maximum width and height**: 14.5 mm x 11.5 mm
- **Field of View**: 200 mm
- **Compatible with**: Cypress CV system

**Features**
- Transesophageal multiplane echocardiography
- 180 degree motorized crystal rotation
- Tip articulation Range: Anterior: 120° Posterior: 90° Left/Right: 45°
- Wide bandwidth phased array transducer
- 90 degree field of view
- One-hand control, ergonomically designed form factor
- User-selectable MultiHertz™ multiple frequency imaging
- High frame rates in 2D and color
- High sensitivity in color and spectral Doppler (velocity and energy)

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**Aux CW Transducer**

- **Primary Application**: Cardiac
- **Doppler Frequency**: 1.8 MHz
- **Number of Elements**: 2
- **Lens Dimensions**: 15 mm
- **Field of View**: not applicable
- **Array Length**: 13.8 mm
- **Compatible with**: Cypress, Cypress CV system

**Features**
- 2 MHz non imaging transthoracic transducer
- Excellent penetration and sensitivity
- Retrofits to all existing systems
- Excellent intercostal, suprasternal and subcostal access
- CW

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**ACUSON AcuNav™ 10F Ultrasound Catheter**

- **Primary Application**: Intracardiac
- **B-Mode Frequencies**: 6.0 MHz – 7.0 MHz
- **Doppler Frequency**: 5.4 MHz
- **Number of Elements**: 64
- **Lens Dimensions**: 2.5 mm x 9.3 mm
- **Field of View**: 154 mm
- **Array Length**: 7.0 mm
- **Catheter Size**: 10 French x 90 cm
- **Compatible with**: Cypress, Cypress CV system

**Features**
- Wideband phased array transducer
- 6 and 7 MHz user-selectable 2D frequencies
- 2D, Color Doppler (velocity and energy), PW, M-Mode
- Longitudinal side-fire imaging plane displays anatomy and devices in standard echocardiography format
- Four-way steering in two planes: anterior, posterior, left-right; 160° in each direction
- Tension control knob for holding desired catheter curvature
- SwiftLink™ catheter connector for one step system catheter set-up

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**ACUSON AcuNav™ 8F Ultrasound Catheter**

- **Primary Application**: Intracardiac
- **B-Mode Frequencies**: 6.0 MHz – 7.0 MHz
- **Doppler Frequency**: 5.4 MHz
- **Number of Elements**: 64
- **Lens Dimensions**: 2.5 mm x 9.3 mm
- **Field of View**: 154 mm
- **Array Length**: 7.0 mm
- **Catheter Size**: 8 French x 110 cm
- **Compatible with**: Cypress CV system

**Features**
- Wideband phased array transducer
- 6 and 7 MHz user-selectable 2D frequencies
- 2D, Color Doppler (velocity and energy), PW, M-Mode
- Longitudinal side-fire imaging plane displays anatomy and devices in standard echocardiography format
- Four-way steering in two planes: anterior, posterior, left-right; 160° in each direction
- Tension control knob for holding desired catheter curvature
- SwiftLink™ catheter connector for one step system catheter set-up