ACUSON Cypress™ Cardiovascular System PLUS
Transducer Options
**3V2c Transducer**

Primary Application: Adult Cardiac
B-Mode Frequencies: 1.8 – 3.6 MHz harm., 2.7 MHz fund.
Doppler Frequencies: 2.1 – 2.7 MHz
Number of Elements: 64
Lens Dimensions: 24 mm x 18 mm
Field of View: 271 mm
Array Length: 16.6 mm
Compatible with: Cypress, Cypress CV system

**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

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**7V3c Transducer**

Primary Application: Pediatric Cardiac
B-Mode Frequencies: 1.8 – 3.6 MHz harm., 2.7 MHz fund.
Doppler Frequencies: 2.1 – 2.7 MHz
Number of Elements: 64
Lens Dimensions: 13 mm x 11 mm
Field of View: 162 mm
Array Length: 9.6 mm
Compatible with: Cypress, Cypress CV system

**Features**
- Wideband phased array transducer with a Cypress system type connector
- 4 – 6 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

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**7L3 Transducer**

Primary Application: Vascular
B-Mode Frequencies: 5.4 – 6.6 MHz
Doppler Frequency: 4.3 MHz
Number of Elements: 128
Lens Dimensions: 44 mm x 9 mm
Field of View: 99 mm
Array Length: 38.4 mm
Compatible with: Cypress CV system

**Features**
- Wide bandwidth linear transducer
- High performance vascular capabilities
- High detail dynamic range and contrast resolution
- User selectable 2D frequencies: 5.4 MHz and 6.6 MHz
- 2D beam steering
- Low flow detection
- Excellent ergonomics and flexible cable
- Single probe solution
- 2D, Color (velocity and energy), PW, M-Mode

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**4C1 Transducer**

Primary Application: Abdominal Vascular
B-Mode Frequencies: 1.8 – 3.6 MHz
Doppler Frequency: 2.1 MHz
Number of Elements: 128
Lens Dimensions: 63.5 mm x 15.4 mm x 62.5 mm radius
Field of View: 290 mm
Array Length: 61.056 mm
Compatible with: Cypress CV system

**Features**
- Wide bandwidth curve-linear transducer
- High performance abdominal vascular capabilities
- High detail dynamic range and contrast resolution
- High sensitivity in color and Spectral Doppler Velocity modes
- Excellent penetration
- Low flow detection
- Excellent ergonomics and flexible cable
- Single curve-linear probe solution
- 2D, Harmonics, Color (velocity and energy), PW, M-Mode
Features
• 2 MHz non imaging transthoracic transducer
• Excellent penetration and sensitivity
• Retrofits to all existing systems
• Excellent intercostal, suprasternal and subcostal access
• CW

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

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

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

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)