ACUSON Cypress™ Cardiovascular System *PLUS*

Transducer Options

SIEMENS
medical

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

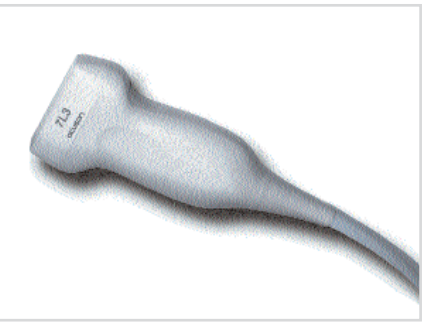
- Wideband phased array transducer with a Cypress system type connector
- 2 – 4 MHz frequency range
- High detail, contrast and temporal resolution
- High sensitivity in color and spectral Doppler velocity modes
- High frame rates in 2D and Color Doppler velocity mode
- Superior ergonomics for comfort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

7V3c Transducer

Primary Application	Pediatric Cardiac
B-Mode Frequencies	5.4 – 6.4 MHz
Doppler Frequency	3.6 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, Color (velocity and energy), PW, CW, M-Mode



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

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

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

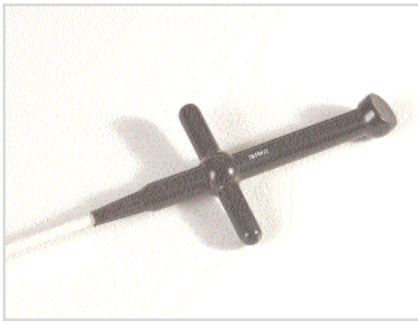
- Transesophageal multiplane echocardiography
- 180 degree motorized crystal rotation
- Tip articulation Range: Anterior: 120° Posterior: 90° Left/Right: 45°
- Wide bandwidth phased array transducer
- 90 degree field of view
- One-hand control, ergonomically designed form factor
- User-selectable MultiHertz™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

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



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

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

Headquarters
Siemens Medical Solutions USA
51 Valley Stream Parkway
Malvern, PA 19355-1406 USA
Telephone: +1-888-826-9702
www.usa.siemens.com/medical

www.siemensmedical.com/ultrasound

Contact Address
Siemens Medical Solutions USA, Inc.
Ultrasound Division
1230 Shorebird Way
P.O. Box 7393
Mountain View, CA 94039-7393, USA
Telephone: +1-888-826-9702

Europe: +49 9131 84-0
Asia Pacific: +65 6341-0990
Latin America: +1-786-845-0697

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