SIEMENS

Transducers

ACUSON X300™ Ultrasound System, Premium Edition (PE)

Release 7.0
Cardiology Applications

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P5-1 Transducer

Frequency Bandwidth:	1.4 – 5.6 MHz
Exam Types:	Abdomen, Adult Echo, Emergency Medicine, Pediatric Echo, Transcranial

Design Attributes:
• Wide bandwidth phased array single crysal piezoelectric transducer
• User-selectable MultiHertz™ multiple frequency imaging
• Ergonomically designed form factor
• Lightweight transducer with flexible cable

P4-2 Transducer

Frequency Bandwidth:	1.3 – 4.4 MHz
Compatible with:	ACUSON X300™ ultrasound system ACUSON X150™ ultrasound system SONOLINE G40™ ultrasound system
Exam Types:	Abdomen, Adult Echo, Emergency Medicine, OB/GYN, Renal, Transcranial

Design Attributes:
• Wide bandwidth phased array transducer
• User-selectable MultiHertz imaging
• Ergonomically designed form factor
• Lightweight transducer with flexible cable

P8-4 Transducer

Frequency Bandwidth:	2.7 – 8.0 MHz
Compatible with:	ACUSON X150 ultrasound system SONOLINE G40 ultrasound system
Exam Types:	Abdomen, Neonatal Echo, Neonatal Head, Pediatric Abdomen, Pediatric Echo, Renal

Design Attributes:
• Wide bandwidth phased array transducer
• User-selectable MultiHertz imaging
• Ergonomically designed form factor
• Lightweight transducer with flexible cable

P9-4 Transducer

Frequency Bandwidth:	2.8 – 9.2 MHz
Compatible with:	ACUSON X300 ultrasound system ACUSON X500™ ultrasound system ACUSON CV70™ cardiovascular system SONOLINE G60 S™ ultrasound system
Exam Types:	Neonatal Echo, Neonatal Head, Pediatric Abdomen, Pediatric Echo

Design Attributes:
• Wide bandwidth phased array transducer
• User-selectable MultiHertz imaging
• Ergonomically designed form factor
• Lightweight transducer with flexible cable

VF8-3 Transducer

Frequency Bandwidth:	2.5 – 10.0 MHz
Compatible with:	ACUSON X300 ultrasound system
Exam Types:	Breast, Cerebrovascular, Emergency Medicine, Musculoskeletal, Orthopedic, Peripheral Vascular, Testicle, Thyroid, Venous

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

VF10-5 Transducer

Frequency Bandwidth:	4.0 – 11.4 MHz
Compatible with:	ACUSON X300 ultrasound system ACUSON X150 ultrasound system SONOLINE G40 ultrasound system
Exam Types:	Breast, Cerebrovascular, Emergency Medicine, Musculoskeletal, Orthopedic, Peripheral Vascular, Testicle, Thyroid, Venous

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

Frequency Bandwidth:	4.4 – 13.0 MHz
Compatible with:	ACUSON X300 ultrasound system ACUSON X150 ultrasound system SONOLINE G40 ultrasound system
Exam Types:	Breast, Cerebrovascular, Digital, Emergency Medicine, Musculoskeletal, Superficial Musculoskeletal, Penile, Superficial Vascular, Testicle, Thyroid, Venous

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

VF13-5SP Transducer

Frequency Bandwidth:	4.3 – 13.0 MHz
Compatible with:	ACUSON X300 ultrasound system ACUSON X500 ultrasound system ACUSON CV70 cardiovascular system SONOLINE G60 S ultrasound system SONOLINE G50™ ultrasound system SONOLINE Elegra™ ultrasound system
Exam Types:	Breast, Cerebrovascular, Intraoperative, Musculoskeletal, Superficial Musculoskeletal, Superficial Vascular, Testicle, Thyroid, Venous

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

CH5-2 Transducer

Frequency Bandwidth:	1.4 – 5.0 MHz
Compatible with:	ACUSON X300 ultrasound system ACUSON X150 ultrasound system SONOLINE G60 S ultrasound system SONOLINE G40 ultrasound system
Exam Types:	Abdomen, Early OB, Emergency Medicine, Fetal Echo, OB/GYN, Peripheral Vascular, Renal, Urology, Venous

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

C6-2 Transducer

Frequency Bandwidth:	1.8 – 6.0 MHz
Compatible with:	ACUSON X500 ultrasound system, SONOLINE G60 S ultrasound system, ACUSON CV70 cardiovascular system,
Exam Types:	Abdomen, Aorta, Early OB, Fetal Echo, OB/GYN, Pediatric Abdomen, Pediatric Echo, Peripheral Vascular, Renal, Venous

Design Attributes:
• Wide bandwidth curved array transducer
• User-selectable MultiHertz imaging
• Ergonomically designed form factor
• Lightweight transducer with flexible cable
• Curved Vector Format

C8-5 Transducer

Frequency Bandwidth:	3.1 – 8.8 MHz
Compatible with:	ACUSON X300 ultrasound system
Exam Types:	Cerebrovascular, Neonatal Head, Pediatric Abdomen, Pediatric Echo

Design Attributes:
• Wide bandwidth micro-curved array transducer
• User-selectable MultiHertz imaging
• Ergonomically designed form factor
• Lightweight transducer with flexible cable

V5Ms Transducer

Frequency Bandwidth:	2.7 – 9.0 MHz
Compatible with:	ACUSON S2000™ ultrasound system
	ACUSON Sequoia™ ultrasound system
	ACUSON CV70 cardiovascular system
	ACUSON Cypress™ cardiovascular system
	ACUSON Aspen™ ultrasound system
	ACUSON 128XP/10C™ echocardiography system
Exam Types:	Transesophageal Echo

Design Attributes:
• Wide bandwidth transesophageal transducer
• Endoscope diameter = 10.5 mm, length = 11.0 mm
• 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

AcuNav 10F*

Frequency Bandwidth:	2.2 – 11.0 MHz
Compatible With:	ACUSON Sequoia echocardiography system ACUSON Cypress cardiovascular system ACUSON Aspen ultrasound system ACUSON Sequoia ultrasound system
Exam Types:	Intracardiac Echo

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

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

AcuNav 8F*

Frequency Bandwidth:	3.0 – 10.0 MHz
Compatible With:	ACUSON Sequoia echocardiography system ACUSON CV70 cardiovascular system ACUSON Cypress cardiovascular system ACUSON Sequoia ultrasound system
Exam Types:	Intracardiac Echo

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

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SoundStar*

Frequency Bandwidth:	2.2 – 11.0 MHz
Compatible With:	ACUSON Sequoia echocardiography system ACUSON Cypress cardiovascular system ACUSON Aspen ultrasound system ACUSON Sequoia ultrasound system
Exam Types:	Intracardiac Echo

Design Attributes:
• 10 french catheter (3.3 mm diameter)
• 90 cm insertable length
• Sterile, single-use advanced miniaturization
• Reusable SwiftLink catheter connector
• Four-way steering in two planes: 160° in each direction
• Longitudinal side-fire imaging

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CW2 Transducer

Compatible with:	ACUSON X300 ultrasound system ACUSON X500 ultrasound system SONOLINE G60 S ultrasound system
Exam Types:	Adult Echo, Pediatric Echo

CW5 Transducer

Compatible with:	ACUSON X300 ultrasound system ACUSON X500 ultrasound system SONOLINE G60 S ultrasound system
Exam Types:	Cerebrovascular, Pediatric Echo

Frequency bandwidth measurements represent bandwidth at ±20 dB.

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