

SIEMENS



Transducers

# ACUSON X300™ Ultrasound System, Premium Edition (PE)

Release 7.0

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### CH5-2 Transducer

<b>Frequency Bandwidth:</b>	1.4 – 5.0 MHz
<b>Compatible with:</b>	ACUSON X300™ ultrasound system ACUSON X150™ ultrasound system SONOLINE G60 S™ ultrasound system SONOLINE G40™ ultrasound system
<b>Exam Types:</b>	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™ multiple frequency imaging
- Ergonomically designed form factor
- Lightweight transducer with flexible cable



### C6-2 Transducer

<b>Frequency Bandwidth:</b>	1.8 – 6.0 MHz
<b>Compatible with:</b>	ACUSON X500™ ultrasound system, SONOLINE G60 S ultrasound system, ACUSON CV70™ cardiovascular system,
<b>Exam Types:</b>	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



### C7F2 Transducer

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<b>Frequency Bandwidth:</b>	1.9 – 6.4 MHz
<b>Compatible with:</b>	ACUSON X500 ultrasound system
<b>Exam Types:</b>	Abdomen, Early OB, Fetal Echo, OB/GYN

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**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

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<b>Compatible with:</b>	ACUSON X300 ultrasound system
<b>Exam Types:</b>	Cerebrovascular, Neonatal Head, Pediatric Abdomen, Pediatric Echo

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**Design Attributes:**

- Wide bandwidth micro-curved array transducer
  - User-selectable MultiHertz imaging
  - Ergonomically designed form factor
  - Lightweight transducer with flexible cable
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### P4-2 Transducer

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**Frequency Bandwidth:** 1.3 – 4.4 MHz

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**Compatible with:** ACUSON X300 ultrasound system  
ACUSON X150 ultrasound system  
SONOLINE G40 ultrasound system

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**Exam Types:** Abdomen, Adult Echo, Emergency Medicine, OB/GYN, Renal, Transcranial

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**Design Attributes:**

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



### P5-1 Transducer

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**Frequency Bandwidth:** 1.4 – 5.6 MHz

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**Exam Types:** Abdomen, Adult Echo, Emergency Medicine, Pediatric Echo, Transcranial

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**Design Attributes:**

- Wide bandwidth phased array single crystal piezoelectric transducer
- User-selectable MultiHertz imaging
- Ergonomically designed form factor
- Lightweight transducer with flexible cable



### P8-4 Transducer

<b>Frequency Bandwidth:</b>	2.7 – 8.0 MHz
<b>Compatible with:</b>	ACUSON X150 ultrasound system SONOLINE G40 ultrasound system
<b>Exam Types:</b>	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

<b>Frequency Bandwidth:</b>	2.8 – 9.2 MHz
<b>Compatible with:</b>	ACUSON X300 ultrasound system ACUSON X500 ultrasound system ACUSON CV70 cardiovascular system SONOLINE G60 S ultrasound system
<b>Exam Types:</b>	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

<b>Frequency Bandwidth:</b>	2.5 – 10.0 MHz
<b>Compatible with:</b>	ACUSON X300 ultrasound system
<b>Exam Types:</b>	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

<b>Frequency Bandwidth:</b>	4.0 – 11.4 MHz
<b>Compatible with:</b>	ACUSON X300 ultrasound system ACUSON X150 ultrasound system SONOLINE G40 ultrasound system
<b>Exam Types:</b>	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



### VF13-5SP Transducer

<b>Frequency Bandwidth:</b>	4.3 – 13.0 MHz
<b>Compatible with:</b>	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
<b>Exam Types:</b>	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



### VF13-5 Transducer

<b>Frequency Bandwidth:</b>	4.4 – 13.0 MHz
<b>Compatible with:</b>	ACUSON X300 ultrasound system ACUSON X150 ultrasound system SONOLINE G40 ultrasound system
<b>Exam Types:</b>	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





### V5Ms Transducer

<b>Frequency Bandwidth:</b>	2.7 – 9.0 MHz
<b>Compatible with:</b>	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
<b>Exam Types:</b>	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



### EV9-4 Transducer

<b>Frequency Bandwidth:</b>	2.9 – 9.7 MHz
<b>Compatible with:</b>	ACUSON X300 ultrasound system ACUSON X150 ultrasound system SONOLINE G40 ultrasound system
<b>Exam Types:</b>	Early OB, Emergency Medicine, OB/GYN

#### Design Attributes:

- Wide bandwidth endovaginal transducer
- User-selectable MultiHertz imaging
- Lightweight transducer with flexible cable



### EV9F4 Transducer

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**Frequency Bandwidth:** 2.9 – 9.0 MHz

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**Exam Types:** Early OB, OB/GYN

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**Design Attributes:**

- Wide bandwidth endovaginal volume transducer
- User-selectable MultiHertz imaging
- Lightweight transducer with flexible cable
- Curved Vector Format



### EC9-4 Transducer

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**Frequency Bandwidth:** 2.9 – 9.8 MHz

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**Compatible with:** ACUSON X300 ultrasound system  
ACUSON X150 ultrasound system  
SONOLINE G40 ultrasound system

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**Exam Types:** Early OB, OB/GYN, Urology

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**Design Attributes:**

- User-selectable MultiHertz imaging
- Ergonomically designed form factor
- Lightweight transducer with flexible cable



### BP9-4 Transducer

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**Frequency Bandwidth:** 2.9 – 9.0 MHz

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**Exam Types:** Prostate, Urology

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**Design Attributes:**

- Wide bandwidth curved array transducer
- User-selectable MultiHertz imaging
- Ergonomically designed form factor
- Lightweight transducer with flexible cable
- Live Bi-Plane imaging and biopsy



### CW5 Transducer

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**Selectable CW Doppler Frequencies:** 5.0 MHz

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**Compatible with:** ACUSON X300 ultrasound system  
ACUSON X500 ultrasound system  
SONOLINE G60 S ultrasound system

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**Exam Types:** Cerebrovascular, Pediatric Echo

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## CW2 Transducer

Selectable CW Doppler Frequencies: 2.0 MHz

Compatible with: ACUSON X300 ultrasound system  
ACUSON X500 ultrasound system  
SONOLINE G60 S ultrasound system

Exam Types: Adult Echo, Pediatric Echo



## 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 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\*

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<b>Frequency Bandwidth:</b>	3.0 – 10.0 MHz
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<b>Compatible With:</b>	ACUSON Sequoia echocardiography system ACUSON CV70 cardiovascular system ACUSON Cypress cardiovascular system ACUSON Sequoia ultrasound system
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<b>Exam Types:</b>	Intracardiac Echo
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**Design Attributes:**

- 8 french catheter (2.7 mm diameter)
- 110 cm insertable length
- Sterile, single-use advanced miniaturization 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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Frequency Bandwidth measurements  
represent bandwidth at +/-20dB.

128XP/10C, ACUSON, AcuNav, Aspen,  
CV70, Cypress, Elegra, G40, G50, G60 S,  
MultiHertz, S2000, Sequoia, SONOLINE,  
SwiftLink, X150, X300 and X500 are trade-  
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