

SIEMENS



Transducers

ACUSON X700™ Ultrasound System

Release 2.0

www.siemens.com/ultrasound

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4C1 Transducer

Part Number:	10658872
Frequency Bandwidth:	1.0 – 5.0 MHz
Number of Elements:	128
Footprint:	61.0 mm
Maximum Field of View:	66°
Maximum Display Depth:	300 mm
Biopsy Guide:	CH4-1, Needle Guide Set, ACUSON X700, PN 10658874
Biopsy Guide Angles:	44.3° (A), 28.8° (B)
Compatible with:	ACUSON S3000™ ultrasound system ACUSON S2000™ ultrasound system ACUSON S1000™ ultrasound system ACUSON Sequoia™ ultrasound system ACUSON Aspen™ ultrasound system
Exam Types:	Abdomen, Early OB, Emergency Medicine, Fetal Echo, OB/GYN, Peripheral Vascular, Renal, Urology, Venous

Design Attributes:

- Curved Vector Format
- Hanafy lens transducer technology
- User-selectable MultiHertz™ multiple frequency imaging



6C2 Transducer

Part Number:	10658876
Frequency Bandwidth:	2.0 – 6.0 MHz
Number of Elements:	192
Footprint:	61.0 mm
Maximum Field of View:	70°
Maximum Display Depth:	300 mm
Biopsy Guide:	SG-5 Needle Guide Set, X700, PN10658877
Biopsy Guide Angles:	22°
Compatible with:	ACUSON S3000 ultrasound system ACUSON S2000 ultrasound system ACUSON S1000 ultrasound system ACUSON Sequoia ultrasound system
Exam Types:	Abdomen, Early OB, Emergency Medicine, Fetal Echo, OB/GYN, Peripheral Vascular, Renal

Design Attributes:

- Curved Vector Format
- Hanafy lens transducer technology
- Ergonomically designed form factor
- User-selectable MultiHertz imaging



C8-5 Transducer

Part Number:	10789592
Frequency Bandwidth:	3.1 – 8.8 MHz
Number of Elements:	160
Footprint:	25.6 mm
Maximum Field of View:	109°
Maximum Display Depth:	140 mm
Biopsy Guide:	Not available
Compatible with:	ACUSON X300™ ultrasound system, premium system (PE) ACUSON X150™ ultrasound system SONOLINE G40™ 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



C6F2 Transducer

Part Number:	10789583
Frequency Bandwidth:	1.5 – 5.5 MHz
Number of Elements:	128
Footprint:	59.0 mm
Maximum Field of View:	86°
Maximum Display Depth:	300 mm
Biopsy Guide:	Not available
Compatible with:	ACUSON X600™ ultrasound system
Exam Types:	Abdomen, Early OB, Fetal Echo, OB/GYN, Pelvic Floor

Design Attributes:

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



C8F3 Transducer

Part Number:	10789584
Frequency Bandwidth:	2.0 – 7.0 MHz
Number of Elements:	128
Footprint:	47.9 mm
Maximum Field of View:	67°
Maximum Display Depth:	300 mm
Biopsy Guide:	Not available
Compatible with:	ACUSON X600 ultrasound system
Exam Types:	Abdomen, Early OB, Fetal Echo, GYN, OB, Pelvic Floor

Design Attributes:

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



4V1c Transducer

Part Number:	10658864, 10785466 (DL)
Frequency Bandwidth:	1.0 – 4.0 MHz
Number of Elements:	112
Footprint:	19 mm
Maximum Field of View:	88°
Maximum Display Depth:	300 mm
Biopsy Guide:	Not available
Compatible with:	ACUSON S3000 ultrasound system ACUSON S2000 ultrasound system ACUSON S1000 ultrasound system ACUSON SC2000™ ultrasound system ACUSON X600 ultrasound system ACUSON Sequoia ultrasound system
Exam Types:	Abdomen, Cardiac, Emergency Medicine, Transcranial

Design Attributes:

- Hanafy lens transducer technology
- Sector imaging format
- User-selectable MultiHertz imaging
- RF shielding



P8-4 Transducer

Part Number:	10789629
Frequency Bandwidth:	2.7 – 8.0 MHz
Number of Elements:	64
Footprint:	9.6 mm
Maximum Field of View:	109°
Maximum Display Depth:	140 mm
Biopsy Guide:	Not available
Compatible with:	ACUSON X300 ultrasound system, premium system (PE) ACUSON X150 ultrasound system SONOLINE G40 ultrasound system
Exam Types:	Cerebrovascular, 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



VF10-5 Transducer

Part Number:	10658883
Frequency Bandwidth:	5.0 – 10.0 MHz
2D Steering Angle:	max ± 20°
Color Doppler Steering Angle:	max ± 20°
PW Doppler Steering Angle:	max ± 20°
Number of Elements:	128
Footprint:	38.3 mm
Maximum Field of View:	100 mm
Maximum Display Depth:	100 mm
Biopsy Guide:	SG-3 Needle Guide Kit, X700, PN10658886
Biopsy Guide Angles:	52° (A), 40° (B)
Compatible with:	ACUSON X600 ultrasound system ACUSON X300 ultrasound system, premium edition (PE) 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



VF12-4 Transducer

Part Number:	10659483
Frequency Bandwidth:	4.0 – 12.0 MHz
2D Steering Angle:	max ± 15°
Color Doppler Steering Angle:	max ± 15°
PW Doppler Steering Angle:	max ± 15°
Number of Elements:	192
Footprint:	51.3 mm
Maximum Field of View:	153 mm
Maximum Display Depth:	160 mm
Biopsy Guide:	Biopsy Guide Start Kit, X700, PN10659485 Biopsy Guide Bracket, X700, PN10659486
Biopsy Guide Angle:	48°
Compatible with:	ACUSON X600 ultrasound system
Exam Types:	Breast, Cerebrovascular, Emergency Medicine, Musculoskeletal, Orthopedics, Peripheral Vascular, Small Parts, Testicle, Thyroid, Venous

Design Attributes:

- Wide bandwidth long linear transducer
- Virtual format imaging
- Hanafy lens transducer technology



VF16-5 Transducer

Part Number:	01790094
Frequency Bandwidth:	5.0 – 15.0 MHz
Number of Elements:	192
Footprint:	34.6 mm
Maximum Display Depth:	160 mm
Biopsy Guide:	Disposable
Biopsy Guide Angle:	Free angle
Compatible with:	ACUSON X600 ultrasound system
Exam Types:	Breast, Cerebrovascular, Emergency Medicine, Musculoskeletal, Penile, Testicle, Thyroid

Design Attributes:

- Wide bandwidth linear transducer
- Virtual format imaging
- Hanafy lens transducer technology



V5Ms Transducer

Part Number:	10658866
Frequency Bandwidth:	3.0 – 7.0 MHz
Number of Elements:	64 mm
Maximum Field of View:	87°
Maximum Display Depth:	180 mm
Tip Articulation Range:	Anterior: 120°, Posterior: 90°, Left/Right: 45°
Biopsy Guide::	Not available
Compatible with:	ACUSON S3000 ultrasound system ACUSON S2000 ultrasound system ACUSON S1000 ultrasound system ACUSON SC2000 ultrasound system ACUSON X300 ultrasound system, premium edition (PE) ACUSON X300 ultrasound system ACUSON Sequoia ultrasound system ACUSON Antares™ 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



EV9F3 Transducer

Part Number:	10789584
Frequency Bandwidth:	3.0 – 9.0 MHz
Number of Elements:	128
Footprint:	25.5 mm
Maximum Field of View:	145°
Maximum Display Depth:	140 mm
Biopsy Guide:	Reusable
Biopsy Guide Angles:	0 (A)
Compatible with:	ACUSON X600 ultrasound system
Exam Types:	Early OB, OB/GYN

Design Attributes:

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



MC9-4 Transducer

Part Number:	10789581
Frequency Bandwidth:	4.0 – 9.0 MHz
Number of Elements:	192
Footprint:	31 mm
Maximum Field of View:	176°
Maximum Display Depth:	140 mm
Biopsy Guide:	MC9-4 Disp 5pk NG Set, X700, PN 10789590 MC9-4 Disp 24pk NG Set, X700, PN 10789589 MC9-4 Reusable Needle Guide, X700, PN 10789588
Compatible with:	ACUSON S3000 ultrasound system, Helx™ Evolution ACUSON S2000 ultrasound system, Helx™ Evolution ACUSON S1000 ultrasound system, Helx™ Evolution
Exam Types:	Neonatal Head, OB/GYN, Prostate

Design Attributes:

- Wide field of view curved array transducer
- User-selectable MultiHertz imaging
- Lightweight transducer with flexible cable
- Curved Vector Format
- Designed for cleanliness with no shaft notches



EC9-4w Transducer

Part Number:	10659487
Frequency Bandwidth:	4.0 – 9.0 MHz
Number of Elements:	192
Footprint:	31 mm
Maximum Field of View:	176°
Maximum Display Depth:	140 mm
Biopsy Guide:	EC9-4w, Disp. 5pk NG Set, X700, PN 10659488 EC9-4w, Disp. 24pk NG Set, X700, PN 10659489 EC9-4w, Reusable Needle Guide, X700, PN 10659468
Biopsy Guide Angles:	1°
Compatible with:	ACUSON X600 ultrasound system
Exam Types:	Early OB, OB/GYN, Urology

Design Attributes:

- Wide field of view curved array transducer
- User-selectable MultiHertz imaging
- Lightweight transducer with flexible cable
- Curved Vector Format



CW5 Transducer

Part Number:	10658871
Selectable CW Doppler Frequencies:	5.0 MHz
Number of Elements:	2
Diameter:	11 mm
Biopsy Guide:	Not available
Compatible with:	ACUSON S3000 ultrasound system ACUSON S2000 ultrasound system ACUSON S1000 ultrasound system ACUSON Antares ultrasound system ACUSON X600 ultrasound system ACUSON X500™ ultrasound system ACUSON X300 ultrasound system, premium edition (PE) ACUSON X300 ultrasound system SONOLINE G60 5™ ultrasound system
Exam Types:	Cerebrovascular, Pediatric Echo



CW2 Transducer

Part Number:	10658912
Selectable CW Doppler Frequencies:	2.0 MHz
Number of Elements:	2
Diameter:	17 mm
Biopsy Guide:	Not available
Compatible with:	ACUSON S3000 ultrasound system ACUSON S2000 ultrasound system ACUSON S1000 ultrasound system ACUSON Antares ultrasound system ACUSON X600 ultrasound system ACUSON X500 ultrasound system ACUSON X300 ultrasound system, premium edition (PE) ACUSON X300 ultrasound system SONOLINE G60 S ultrasound system
Exam Types:	Adult Echo, Pediatric Echo



AcuNav 10F*

Part Number:	8255790
Frequency Bandwidth:	5.0 – 10.0 MHz
Selectable 2D Frequencies:	5.0, 6.7, 8.9 MHz
Selectable Color Doppler Frequencies:	4.0, 5.0 MHz
Selectable PW Doppler Frequencies:	4.0, 5.0 MHz
Selectable CW Doppler Frequencies:	5.0 MHz
Number of Elements:	64
Footprint:	7.0 mm
Maximum Field of View:	87°
Maximum Display Depth:	140 mm
Compatible With:	ACUSON SC2000 ultrasound system ACUSON X300 ultrasound system, premium edition (PE)
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
- Vector imaging format

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



AcuNav 8F*

Part Number:	10135936
Frequency Bandwidth:	5.0 – 10.0 MHz
Selectable 2D Frequencies:	5.0, 6.7, 8.9 MHz
Selectable Color Doppler Frequencies:	4.0, 5.0 MHz
Selectable PW Doppler Frequencies:	4.0, 5.0 MHz
Selectable CW Doppler Frequencies:	5.0 MHz
Number of Elements:	64
Footprint:	7 mm
Maximum Field of View:	87°
Maximum Display Depth:	140 mm
Compatible With:	ACUSON SC2000 ultrasound system ACUSON X300 ultrasound system, premium edition (PE)
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
- Vector imaging format

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Frequency Bandwidth measurements represent bandwidth at ± 20 dB.

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