



Transducers

ACUSON X700 **ultrasound system**

siemens-healthineers.com/ultrasound



Comprehensive suite of transducers

The ACUSON X700 ultrasound system has a comprehensive suite of over 18 transducers supporting a diverse range of clinical applications.

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Curved



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	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



C6F2 Transducer

Part Number	10789583
Frequency Bandwidth	1.5–5.5 MHz
Number of Elements	128
Footprint	59.0 mm
Maximum Field of View	68°
Maximum Display Depth	300 mm
Biopsy Guide	Not available
Biopsy Guide Angles	44.3° (A), 28.8° (B)
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

Phased



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

Vector



4V1c Transducer

Part Number	10658864, 10785466 (DL)
Frequency Bandwidth	1.0–4.0 MHz
Number of Elements	112
Footprint	19.0 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



VF10-5 Transducer

Part Number	10658883
Frequency Bandwidth	5.0–10.0 MHz
2D Steering Angle	max $\pm 20^\circ$
Color Doppler Steering Angle	max $\pm 20^\circ$
PW Doppler Steering Angle	max $\pm 20^\circ$
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 $\pm 15^\circ$
Color Doppler Steering Angle	max $\pm 15^\circ$
PW Doppler Steering Angle	max $\pm 15^\circ$
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 Angles	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 Angles	Free angle
Compatible with	ACUSON X600 ultrasound system
Exam Types	Breast, Cerebrovascular, Emergency Medicine, Muskuloskeletal, Penile, Testicle, Thyroid
Design Attributes	• Wide bandwidth linear transducer • Virtual format imaging • Hanafy lens transducer technology

Transesophageal Echo



V5Ms Transducer

Part Number	10658866
Frequency Bandwidth	3.0–7.0 MHz
Number of Elements	64
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

Endocavity



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

Non-Imaging



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 S 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

Specialty



AcuNav 10F¹ Ultrasound Catheter

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

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



AcuNav 8F¹ Ultrasound Catheter

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	7.0 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	• 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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The products/features mentioned in this document may not be commercially available in all countries. Due to regulatory reasons their future availability cannot be guaranteed. Please contact your local Siemens Healthineers organization for further details.

Frequency Bandwidth measurements represent bandwidth at ± 20 dB.

128XP/10C, ACUSON Antares, ACUSON S1000, ACUSON S2000, ACUSON S3000, ACUSON SC2000, ACUSON X150, ACUSON X300, ACUSON X500, ACUSON X700, Aspen, CV70, Cypress, G40, G60 S, HELX, MultiHertz, SONOLINE and SwiftLink are trademarks of Siemens Medical Solutions USA, Inc.

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An estimated 5 million patients globally everyday benefit from our innovative technologies and services in the areas of diagnostic and therapeutic imaging, laboratory diagnostics and molecular medicine, as well as digital health and enterprise services.

We are a leading medical technology company with over 170 years of experience and 18,000 patents globally. With more than 48,000 dedicated colleagues in 75 countries, we will continue to innovate and shape the future of healthcare.

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