

SIEMENS



Transducers

ACUSON S1000™ Ultrasound System*

Release 1.0

*The ACUSON S1000 ultrasound system is not commercially available in all countries.
Please contact your local Siemens organization for further details.

www.siemens.com/ultrasound

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7CF2 Transducer

Frequency Bandwidth:	2 – 7 MHz
Compatible With:	ACUSON S2000™ ultrasound system ACUSON S3000™ ultrasound system**
Exam Types:	Abdomen, Fetal Echo, OB/GYN, Pelvis, Renal

Design Attributes:

- Lightweight transducer with flexible cable
- Ergonomically designed form factor
- User-selectable MultiHertz™ multiple frequency imaging
- Wide bandwidth curved array volume transducer



6C2 Transducer

Frequency Bandwidth:	2 – 6 MHz
Compatible With:	ACUSON S2000 ultrasound system ACUSON S3000 ultrasound system ACUSON Sequoia™ ultrasound system
Exam Types:	Abdomen, Fetal Echo, OB/GYN, Pediatric Abdomen, Pelvis, Peripheral Vascular Arterial, Peripheral Vascular Venous, Renal

Design Attributes:

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

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**The ACUSON S3000 ultrasound system is 510(k) pending.



4C1 Transducer

Frequency Bandwidth:	1 – 4.5 MHz
Compatible With:	ACUSON S2000 ultrasound system ACUSON S3000 ultrasound system** ACUSON Sequoia ultrasound system ACUSON Aspen™ ultrasound system
Exam Types:	Abdomen, Fetal Echo, OB/GYN, Pelvis, Renal

Design Attributes:

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

**At the time of publication, the U.S. Food and Drug Administration has cleared ultrasound contrast agents only for use in LVO. Check the current regulations for the country in which you are using this system for contrast agent clearance.*



9EVF4 Transducer

Frequency Bandwidth:	4 – 9 MHz
Compatible With:	ACUSON S2000 ultrasound system ACUSON S3000 ultrasound system
Exam Types:	Fetal Echo, Neonatal Head, OB/GYN

Design Attributes:

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

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EC9-4 Transducer

Frequency Bandwidth:	3.75 – 9 MHz
Exam Types:	Neonatal Head, OB/GYN, Prostate
Compatible With:	ACUSON S2000 ultrasound system ACUSON S3000 ultrasound system**

Design Attributes:

- Ergonomically designed form factor
- Lightweight transducer with flexible cable
- User-selectable MultiHertz imaging
- Harmonic compounding
- Curved array format

**Cadence CPS available on prostate exam only.*

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EV-8C4 Transducer

Frequency Bandwidth:	4 – 9 MHz
Compatible With:	ACUSON S2000 ultrasound system ACUSON S3000 ultrasound system
Exam types:	Endovaginal Gynecology, Endovaginal Obstetrics

Design Attributes:

- Tightly curved format
- Wide field of view
- User-selectable MultiHertz imaging
- Harmonic compounding

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4P1 Transducer

Frequency Bandwidth:	1 – 4.5 MHz
Compatible With:	ACUSON S2000 ultrasound system ACUSON S3000 ultrasound system**
Exam Types:	Abdomen, Adult Echo, Fetal Echo, OB/GYN, Pediatric Echo, Pelvis, Renal, Transcranial

Design Attributes:

- Multi-D™ matrix array transducer
- Ergonomically designed form factor
- Lightweight transducer with flexible cable
- User-selectable MultiHertz imaging
- Vector™ imaging format



10V4 Transducer

Frequency Bandwidth:	4 – 10 MHz
Compatible With:	ACUSON S2000 ultrasound system ACUSON S3000 ultrasound system ACUSON Sequoia ultrasound system
Exam Types:	Neonatal Echo, Neonatal Head, Pediatric Abdomen, Pediatric Echo, Pelvis, Renal

Design Attributes:

- Vector imaging format
- User-selectable MultiHertz imaging

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8V3 Transducer

Frequency Bandwidth:	2.5 – 8 MHz
Compatible With:	ACUSON S2000 ultrasound system ACUSON S3000 ultrasound system** ACUSON Sequoia ultrasound system
Exam Types:	Fetal Echo, Neonatal Echo, Neonatal Head, Pediatric Abdomen, Pediatric Echo

Design Attributes:

- Hanafy lens transducer technology
- Vector imaging format
- User-selectable MultiHertz imaging



4V1 Transducer

Frequency Bandwidth:	1 – 4.5 MHz
Compatible With:	ACUSON S2000 ultrasound system ACUSON S3000 ultrasound system ACUSON Sequoia ultrasound system ACUSON Aspen ultrasound system
Exam Types:	Abdomen, Fetal Echo, OB/GYN Pelvis, Renal

Design Attributes:

- Hanafy lens transducer technology
- User-selectable MultiHertz imaging
- Harmonic compounding
- Vector imaging format

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4V1c Transducer

Frequency Bandwidth:	1 – 4.5 MHz
Compatible With:	ACUSON S2000 ultrasound system ACUSON S3000 ultrasound system** ACUSON SC2000™ ultrasound system ACUSON Sequoia ultrasound system
Exam Types:	Abdomen, Adult Echo, Pediatric Echo, Renal, Transcranial

Design Attributes:

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



14L5 SP Transducer

Frequency Bandwidth:	5 – 14 MHz
Compatible With:	ACUSON S2000 ultrasound system ACUSON S3000 ultrasound system
Exam Types:	Breast, Cerebrovascular, Digital, Penile, Intraoperative Abdomen, Intraoperative Vascular, Musculoskeletal, Testicle, Thyroid

Design Attributes:

- Lightweight transducer with flexible cable
- Ergonomically designed form factor
- Virtual format imaging
- Sterilizable high resolution linear array for special applications
- User-selectable MultiHertz imaging

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14L5 Transducer

Frequency Bandwidth:	5 – 14 MHz
Compatible With:	ACUSON S2000 ultrasound system ACUSON S3000 ultrasound system**
Exam Types:	Breast, Cerebrovascular, Digital, Musculoskeletal, Penile, Peripheral Vascular, Testicle, Thyroid

Design Attributes:

- Multi-D matrix transducer
- Ergonomically designed form factor
- Lightweight transducer with flexible cable
- Virtual format imaging
- User-selectable MultiHertz imaging



9L4 Transducer

Frequency Bandwidth:	4 – 9 MHz
Compatible With:	ACUSON S2000 ultrasound system ACUSON S3000 ultrasound system ACUSON SC2000 ultrasound system ACUSON Sequoia ultrasound system
Exam Types:	Breast, Cerebrovascular, Digital, Fetal Echo, Musculoskeletal, OB/GYN, Pediatric Abdomen, Pediatric Hip, Pelvis, Penile, Peripheral Vascular, Testicle, Thyroid

Design Attributes:

- Multi-D matrix transducer
- Ergonomically designed form factor
- Lightweight transducer with flexible cable
- User-selectable MultiHertz imaging
- Harmonic compounding



V7M Transducer

Frequency Bandwidth:	4.0 – 8.0 MHz
Compatible With:	ACUSON S2000 ultrasound system ACUSON S3000 ultrasound system** ACUSON Sequoia ultrasound system
Exam Types:	Pediatric and Adult Transesophageal Echo

Design Attributes:

- Endoscope diameter = 7.0 mm; length = 70 cm
- Small tip size for increased patient comfort: width = 10.9 mm, thickness = 8.0 mm, circumference = 22 mm
- Ergonomic design featuring one-hand control
- Manual rotation: -10° – 190°
- Vector wide-view imaging format phased array
- User-selectable Wideband MultiHertz imaging
- DTI™ Doppler tissue imaging



V5Ms Transducer

Frequency Bandwidth:	3 – 7 MHz
Compatible With:	ACUSON S2000 ultrasound system ACUSON S3000 ultrasound system ACUSON SC2000 ultrasound system ACUSON X300™ ultrasound system ACUSON X300™ ultrasound system, premium edition (PE) ACUSON Sequoia ultrasound system ACUSON Antares™ ultrasound system ACUSON CV70™ cardiovascular system ACUSON Cypress™ cardiovascular system ACUSON Aspen ultrasound system
Exam Types:	Transesophageal Echo

Design Attributes:

- Endoscope diameter = 10.5 mm, length = 110 cm
- 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

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CW5 Transducer

Selectable CW Doppler Frequencies:	5 MHz
Compatible With:	ACUSON S2000 ultrasound system ACUSON S3000 ultrasound system** ACUSON Antares ultrasound system ACUSON X500™ ultrasound system ACUSON X300 ultrasound system SONOLINE G60 S™ ultrasound system ACUSON CV70 cardiovascular system
Exam Types:	Adult Echo, Cerebrovascular, Neonatal Echo, Peripheral Vascular, Pediatric Echo, Transcranial



CW2 Transducer

Selectable CW Doppler Frequencies:	2 MHz
Compatible With:	ACUSON S2000 ultrasound system ACUSON S3000 ultrasound system ACUSON SC2000 ultrasound system ACUSON Antares ultrasound system ACUSON X500 ultrasound system ACUSON X300 ultrasound system SONOLINE G60 S ultrasound system ACUSON CV70 cardiovascular system
Exam Types:	Adult Echo, Cerebrovascular, Neonatal Echo, Pediatric Echo, Peripheral Vascular, Transcranial

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AcuNav 8F⁺

Frequency Bandwidth:	4.0 – 10.0 MHz
Compatible With:	ACUSON S2000 ultrasound system ACUSON S3000 ultrasound system** ACUSON SC2000 ultrasound system ACUSON Sequoia C512 echocardiography system ACUSON Sequoia C256 echocardiography system ACUSON CV70 cardiovascular system ACUSON Cypress cardiovascular system ACUSON P50™ ultrasound system

Applications: Adult intracardiac echocardiography

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
- DTI capability

Requires cardiac package.



AcuNav 10F⁺

Frequency Bandwidth:	4.0 – 10.0 MHz
Compatible With:	ACUSON S2000 ultrasound system ACUSON S3000 ultrasound system ACUSON SC2000 ultrasound system ACUSON Sequoia C512 echocardiography system ACUSON Sequoia C256 echocardiography system ACUSON CV70 cardiovascular system ACUSON Cypress cardiovascular system ACUSON P50 ultrasound system

Applications: Adult Intracardiac Echocardiography

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
- DTI capability

Requires cardiac package.

⁺ For purchase or inquires, contact Biosense Webster: USA (909-839-8500 and 800-729-9010), Belgium +32-2-352-1411, Asia Pacific +(65) 6827-6100.

[†] Adaptor supprts 8F⁺ and 10F⁺ catheters.

Frequency Bandwidth measurements
represent bandwidth at ± 20 dB.

AcuNav, ACUSON, Antares, Aspen,
CV70, Cypress, DTI, G60 S, Multi-D,
MultiHertz, P50, S1000, S2000, S3000,
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