

SIEMENS



Transducers

ACUSON S1000TM Ultrasound System

HELX Evolution (VC30A)

Answers for life.

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7CF1 Transducer

Frequency Bandwidth:	1 – 7 MHz
Compatible With:	ACUSON S3000™ ultrasound system ACUSON S2000™ 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



7CF2 Transducer

Frequency Bandwidth:	2 – 7 MHz
Compatible With:	ACUSON S3000 ultrasound system ACUSON S2000 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 imaging
- Wide bandwidth curved array volume transducer



6C2 Transducer

Frequency Bandwidth:	2 – 6 MHz
Compatible With:	ACUSON S3000 ultrasound system ACUSON S2000 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



4C1 Transducer

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

Design Attributes:

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



9EVF4 Transducer

Frequency Bandwidth:	4 – 9 MHz
Compatible With:	ACUSON S3000 ultrasound system ACUSON S2000 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



MC9-4 Transducer

Frequency Bandwidth:	4 – 9 MHz
Compatible With:	ACUSON S3000 ultrasound system ACUSON S2000 ultrasound system
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
- Compatible with eSiImage™ multiparametric image optimization



EC9-4 Transducer

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

Design Attributes:

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



EV-8C4 Transducer

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

Design Attributes:

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



4P1 Transducer

Frequency Bandwidth:	1 – 4.5 MHz
Compatible With:	ACUSON S3000 ultrasound system ACUSON S2000 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 Sequoia ultrasound system
Compatible With:	ACUSON S3000 ultrasound system ACUSON S2000 ultrasound system
Exam Types:	Neonatal Echo, Neonatal Head, Pediatric, Abdomen, Pediatric Echo, Pelvis, Renal

Design Attributes:

- Vector imaging format
- User-selectable MultiHertz imaging



8V3 Transducer

Frequency Bandwidth:	2.5 – 8 MHz
Compatible With:	ACUSON S3000 ultrasound system ACUSON S2000 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 S3000 ultrasound system ACUSON S2000 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



4V1c Transducer

Frequency Bandwidth:	1 – 4.5 MHz
Compatible With:	ACUSON S3000 ultrasound system ACUSON S2000 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



18L6 HD Transducer

Frequency Bandwidth:	5.5 – 18 MHz
Compatible With:	ACUSON S3000 ultrasound system ACUSON S2000 ultrasound system
Exam Types:	Breast, Cerebrovascular, Digital, Musculoskeletal, Penile, Peripheral Vascular, Testicle, Thyroid

Design Attributes:

- Hanafy lens transducer technology
- Ergonomic design with Elastogrip™ ergonomic grip coating
- Extra-long cable (2.1 m) for ease of use
- User-selectable MultiHertz imaging



14L5 SP Transducer

Frequency Bandwidth:	5 – 14 MHz
Compatible With:	ACUSON S3000 ultrasound system ACUSON S2000 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



14L5 Transducer

Frequency Bandwidth:	5 – 14 MHz
Compatible With:	ACUSON S3000 ultrasound system ACUSON S2000 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 S3000 ultrasound system ACUSON S2000 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 S3000 ultrasound system ACUSON S2000 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 S3000 ultrasound system ACUSON S2000 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



CW5 Transducer

Compatible With:	ACUSON S3000 ultrasound system ACUSON S2000 ultrasound system
Exam Types:	Adult Echo, Cerebrovascular, Neonatal Echo, Peripheral Vascular, Pediatric Echo, Transcranial



CW2 Transducer

Compatible With:	ACUSON S3000 ultrasound system ACUSON S2000 ultrasound system
Exam Types:	Adult Echo, Cerebrovascular, Neonatal Echo, Pediatric Echo, Peripheral Vascular, Transcranial



AcuNav 8F*

Frequency Bandwidth:	4.0 – 10.0 MHz
Compatible With:	ACUSON S3000 ultrasound system ACUSON S2000 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.

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

**AcuNav 10F***

Frequency Bandwidth:	4.0 – 10.0 MHz
Compatible With:	ACUSON S3000 ultrasound system ACUSON S2000 ultrasound system

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.

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Frequency Bandwidth measurements represent bandwidth at ± 20 dB.

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 organization for further details.

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