

SIEMENS



Transducers

ACUSON S3000™ Ultrasound System

HELX Evolution (VC30A Software or above)

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7CF1 Transducer

Frequency Bandwidth:	1 – 7 MHz
Compatible With:	ACUSON S2000™ ultrasound system ACUSON S1000™ 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 S2000 ultrasound system ACUSON S1000 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 S2000 ultrasound system ACUSON S1000 ultrasound system
Exam Types:	Abdomen, Fetal Echo, OB/GYN, Pediatric Abdomen, Pelvis, Peripheral Vascular Arterial, Peripheral Vascular Venous, Renal

Design Attributes:

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



6C1 HD Transducer

Frequency Bandwidth:	1.5 – 6.0 MHz
Compatible With:	ACUSON S2000 ultrasound system
Exam Types:	Abdomen, Fetal Echo, OB/GYN, Pelvis, Renal

Design Attributes:

- Curved Vector imaging format
- Hanafy lens transducer technology
- User-selectable MultiHertz imaging
- Ergonomic design with ElastoGrip™ ergonomic grip coating
- Compatible with eSiImage™ multiparametric image optimization



4C1 Transducer

Frequency Bandwidth:	1 – 4.5 MHz
Compatible With:	ACUSON S2000 ultrasound system ACUSON S1000 ultrasound system
Exam Types:	Abdomen, Fetal Echo, OB/GYN, Pelvis, Renal

Design Attributes:

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



8C3 HD Transducer

Frequency Bandwidth:	3 – 8 MHz
Compatible With:	ACUSON S2000 ultrasound system
Exam Types:	Adult Small Abdomen, OB/GYN, Pediatric

Design Attributes:

- Smaller elevation & tighter curvature
- Improved access between ribs
- Smaller manipulations to better visualize cysts, ducts, and vessels
- Hanafy lens transducer technology



9EVF4 Transducer

Frequency Bandwidth:	4 – 9 MHz
Compatible With:	ACUSON S2000 ultrasound system ACUSON S1000 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 S2000 ultrasound system ACUSON S1000 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 S2000 ultrasound system ACUSON S1000 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 S2000 ultrasound system ACUSON S1000 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 S2000 ultrasound system ACUSON S1000 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 Multi-Hertz imaging
- Vector imaging format



10V4 Transducer

Frequency Bandwidth:	4 – 10 MHz
Compatible With:	ACUSON S2000 ultrasound system ACUSON S1000 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 S2000 ultrasound system ACUSON S1000 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 S1000 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 S2000 ultrasound system ACUSON S1000 ultrasound system
Exam Types:	Abdomen, Adult Echo, Pediatric Echo, Renal, Transcranial

Design Attributes:

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



18L6 HD Transducer

Frequency Bandwidth:	5.5 – 18 MHz
Compatible With:	ACUSON S2000 ultrasound system ACUSON S1000 ultrasound system
Exam Types:	Breast, Cerebrovascular, Musculoskeletal, Penile, Peripheral Vascular, Testicle, Thyroid

Design Attributes:

- Hanafy lens transducer technology
- Ergonomic design with ElastoGrip 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 S2000 ultrasound system ACUSON S1000 ultrasound system
Exam Types:	Breast, Cerebrovascular, High Framerate, 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 S2000 ultrasound system ACUSON S1000 ultrasound system
Exam Types:	Breast, Cerebrovascular, 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 S1000 ultrasound system
Exam Types:	Breast, Cerebrovascular, 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 S1000 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 imaging format phased array
- User-selectable wideband MultiHertz imaging
- DTI™ Doppler tissue imaging capability



V5Ms Transducer

Frequency Bandwidth:	3 – 7 MHz
Compatible With:	ACUSON S2000 ultrasound system ACUSON S1000 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 S2000 ultrasound system ACUSON S1000 ultrasound system
Exam Types:	Adult Echo, Cerebrovascular, Neonatal Echo, Peripheral Vascular, Pediatric Echo, Transcranial



CW2 Transducer

Compatible With:	ACUSON S2000 ultrasound system ACUSON S1000 ultrasound system
Exam Types:	Adult Echo, Cerebrovascular, Neonatal Echo, Pediatric Echo, Peripheral Vascular, Transcranial



ACUSON AcuNav™ 8F Ultrasound Catheter

Frequency Bandwidth:	4.0 – 10.0 MHz
Compatible With:	ACUSON S2000 ultrasound system ACUSON S1000 ultrasound system

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.



ACUSON AcuNav™ 10F Ultrasound Catheter

Frequency Bandwidth: 4.0 – 10.0 MHz

Compatible With: ACUSON S2000 ultrasound system
ACUSON S1000 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.

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.

Frequency Bandwidth measurements represent bandwidth at ± 20 dB.

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