



ACUSON S2000™ Ultrasound System – *Women's Imaging*
Transducers
Release 2.0

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SIEMENS



7CF2 Transducer

Part Number:	10041222
Frequency Bandwidth:	2 – 7 MHz
Selectable 2D Frequencies:	3.0, 4.5, 6.0 MHz
Selectable THI Frequencies:	H4.0, H5.5, H7.0 MHz
Selectable Color Doppler Frequencies:	2.5, 3.25, 3.75 MHz
Selectable PW Doppler Frequencies:	2.5, 3.25, 3.75 MHz
Number of Elements:	192
Footprint:	34 mm x 65 mm
Maximum Field of View:	65°
Maximum Display Depth:	300 mm
Biopsy Guide:	C7F2/C5F1 Needle Guide Kit, PN 10041595
Biopsy Guide Angles:	40°, 25.5°
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

Part Number:	10041591
Frequency Bandwidth:	2 – 6 MHz
Selectable 2D Frequencies:	2.5, 4.5, 6.0 MHz
Selectable THI Frequencies:	H4.0, H5.0, H6.0 MHz
Selectable Color Doppler Frequencies:	2.5, 3.25, 3.75 MHz
Selectable PW Doppler Frequencies:	2.5, 3.25, 3.75 MHz
Number of Elements:	192
Footprint:	61 mm
Maximum Field of View:	70°
Maximum Display Depth:	300 mm
Biopsy Guide:	6C2 Needle Guide, PN 10041600
Biopsy Guide Angles:	22°, 0°
Compatible With:	ACUSON Sequoia™ ultrasound system
Exam Types:	Abdomen, Fetal Echo, OB/GYN, Pelvis, Peripheral Vascular, Renal

Design Attributes:

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



4C1 Transducer

Part Number:	10041590
Frequency Bandwidth:	1 – 4.5 MHz
Selectable 2D Frequencies:	2.0, 3.0, 4.0 MHz
Selectable THI Frequencies:	H3.0, H3.5, H3.75, H4.0, H4.5 MHz
Selectable Color Doppler Frequencies:	2.0, 2.5, 3.5 MHz
Selectable PW Doppler Frequencies:	2.0, 2.5, 3.5 MHz
Cadence CPS Frequencies*:	1.50, 2.0, 2.5 MHz
Cadence ADI Frequencies*:	2.0 MHz
Number of Elements:	128
Footprint:	61 mm
Maximum Field of View:	70°
Maximum Display Depth:	300 mm
Biopsy Guide:	4C1 Needle Guide, PN 10041592
Biopsy Guide Angles:	44.3°, 28.8°
Compatible With:	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



9EVF4 Transducer

Part Number:	10041223
Frequency Bandwidth:	4 – 9 MHz
Selectable 2D Frequencies:	4.0, 7.0, 9.0 MHz
Selectable THI Frequencies:	H5.0, H7.0, H9.0 MHz
Selectable Color Doppler Frequencies:	4.0, 5.5, 7.5 MHz
Selectable PW Doppler Frequencies:	4.0, 5.5, 7.5 MHz
Number of Elements:	192
Footprint:	30.7 mm
Tip Diameter:	25.5 mm
Maximum Field of View:	173°
Maximum Display Depth:	160 mm
Biopsy Guide:	EV9F4 Needle Guide Kit, PN 10041596
Biopsy Guide Angles:	4.2°, 0°
Exam Types:	Early OB, Fetal Echo, OB/GYN, Neonatal Head

Design Attributes:

- Wide bandwidth endovaginal volume transducer
- Lightweight transducer with flexible cable
- 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.



EC9-4 Transducer

Part Number:	10041225
Frequency Bandwidth:	3.75 – 9 MHz
Selectable 2D Frequencies:	4.0, 6.0, 8.0 MHz
Selectable THI Frequencies:	HC6.5, H6.5, H7.0, H8.0 MHz
Selectable Color Doppler Frequencies:	3.75, 5.0, 6.75 MHz
Selectable PW Doppler Frequencies:	3.75, 5.0, 6.75 MHz
Number of Elements:	192
Footprint:	32 mm
Tip Diameter:	22 mm
Maximum Field of View:	170°
Maximum Display Depth:	140 mm
Biopsy Guide:	EC-1 Needle Guide Kit, PN 10041593 EC9-4 Disposable Needle Kit, PN 10041594
Biopsy Guide Angles:	0°, 0°
Exam Types:	Early OB, OB/GYN

Design Attributes:

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



EV-8C4 Transducer

Part Number:	10045061
Frequency Bandwidth:	4 – 9 MHz
Selectable 2D Frequencies:	4.0, 6.0, 8.0 MHz
Selectable THI Frequencies:	HC7.0, H8.0, H9.0 MHz
Selectable Color Doppler Frequencies:	4.2, 5.0, 6.75 MHz
Selectable PW Doppler Frequencies:	4.2, 5.0, 6.75 MHz
PW Doppler Steering:	Variable
Aperture:	26 mm
Number of Elements:	128
Array Length:	28.2 mm
Field of View:	135°
Maximum Display Depth:	140 mm
Radius of Curvature:	12.5 mm
Biopsy Guide:	Available on a future release
Compatible With:	ACUSON Sequoia system
Exam types:	Early OB, OB/GYN, Endovaginal Gynecology, Endovaginal Obstetrics

Features:

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



4P1 Transducer

Part Number:	10041224
Frequency Bandwidth:	1 – 4.5 MHz
Selectable 2D Frequencies:	1.75, 2.0, 2.25, 3.0, 4.0 MHz
Selectable THI Frequencies:	H3.0, H3.75 (TCD), H4.0, H4.5, H4.64 MHz
Selectable Color Doppler Frequencies:	2.0, 2.5, 3.5 MHz
Selectable PW Doppler Frequencies:	2.0, 2.5, 3.5 MHz
Steerable CW Doppler Frequencies:	2.0, 2.5, 3.5 MHz
Number of Elements:	288
Footprint:	19.2 mm
Maximum Field of View:	90°
Maximum Display Depth:	300 mm
Biopsy Guide:	Not Available
Exam Types:	Abdomen, Fetal Echo, OB/GYN, Pelvis, Renal

Design Attributes:

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



8V3 Transducer

Part Number:	10041586
Frequency Bandwidth:	2.5 – 8 MHz
Selectable 2D Frequencies:	4.0, 5.0, 6.0, 7.0, 8.0 MHz
Selectable THI Frequencies:	H5.0, H6.0, H7.0 MHz
Selectable Color Doppler Frequencies:	2.5, 3.25, 3.5, 4.5, 5.0 MHz
Selectable PW Doppler Frequencies:	2.5, 3.25, 3.5, 4.5 MHz
Selectable CW Doppler Frequencies:	2.5, 3.5, 4.0, 4.5 MHz
Number of Elements:	128
Footprint:	18 mm
Maximum Field of View:	90°
Maximum Display Depth:	180 mm
Biopsy Guide:	Not Available
Compatible With:	ACUSON Sequoia ultrasound system
Exam Types:	Fetal Echo, Neonatal Echo, Neonatal Head

Design Attributes:

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



4V1 Transducer

Part Number:	10041584
Frequency Bandwidth:	1 – 4.5 MHz
Selectable 2D Frequencies:	2.0, 3.0, 4.0 MHz
Selectable THI Frequencies:	HC3.0, H3.0, H3.5, H4.0, H4.5 MHz
Selectable Color Doppler Frequencies:	2.0, 2.75, 3.5 MHz
Selectable PW Doppler Frequencies:	2.0, 2.75, 3.5 MHz
Number of Elements:	128
Footprint:	28.2 mm
Maximum Field of View:	90°
Maximum Display Depth:	300 mm
Biopsy Guide:	4V1 Needle Guide, PN 10041654
Biopsy Guide Angles:	31.8°, 17.9°
Compatible With:	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



18L6 HD Transducer

Part Number:	10041227
Frequency Bandwidth:	5.5 – 18 MHz
Selectable 2D Frequencies:	7.0, 10.0, 15.0 MHz
Selectable THI Frequencies:	H7.0, H8.0, H12.0, H15.0, H16.0, H17.0 MHz
Selectable Color Doppler Frequencies:	5.5, 6.25, 7.5, 9.0, 10.0 MHz
Selectable PW Doppler Frequencies:	5.5, 6.25, 7.5, 9.0, 10.0 MHz
Number of Elements:	576
Footprint:	57 mm
Maximum Field of View:	95 mm
Maximum Display Depth:	80 mm
Biopsy Guide:	18L6 HD Needle Guide Kit, PN 10044200
Biopsy Guide Angles:	63.07°, 38.42°
Exam Types:	Breast, Musculoskeletal, Peripheral Vascular, Thyroid

Design Attributes:

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



14L5 SP Transducer

Part Number:	10041226
Frequency Bandwidth:	5 – 14 MHz
Selectable 2D Frequencies:	6.0, 10.0, 14.0 MHz
Selectable THI Frequencies:	H11.0, H14.0 MHz
Selectable Color Doppler Frequencies:	5.5, 6.25, 7.5 MHz
Selectable PW Doppler Frequencies:	5.5, 6.25, 7.5, 9.0 MHz
2D Steering Angle:	max +/- 20°
Color Doppler Steering Angle:	max +/- 20°
PW Doppler Steering Angle:	max +/- 20°
Number of Elements:	128
Footprint:	26 mm
Maximum Field of View:	40°
Maximum Display Depth:	60 mm
Biopsy Guide:	Not Available
Exam Types:	Breast, Musculoskeletal, 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

Part Number:	10041221
Frequency Bandwidth:	5 – 14 MHz
Selectable 2D Frequencies:	6.0, 9.0, 14.0 MHz
Selectable THI Frequencies:	H7.0, H11.0, H14.0 MHz
Selectable Color Doppler Frequencies:	5.5, 6.25, 7.5 MHz
Selectable PW Doppler Frequencies:	5.5, 6.25, 7.5 MHz
2D Doppler Steering Angle:	max +/- 20°
Color Doppler Steering Angle:	max +/- 20°
PW Doppler Steering Angle:	max +/- 20°
Number of Elements:	576
Footprint:	39 mm
Maximum Field of View:	40°
Maximum Display Depth:	80 mm
Biopsy Guide:	SG-4 Needle Guide Kit, PN 10041599
Biopsy Guide Angles:	53°
Exam Types:	Breast, Musculoskeletal, OB/GYN, Peripheral Vascular, 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

Part Number:	10041588
Frequency Bandwidth:	4 – 9 MHz
Selectable 2D Frequencies:	4.0, 6.0, 9.0 MHz
Selectable THI Frequencies:	HC7.0, H7.0, H8.0, H9.0 MHz
Selectable Color Doppler Frequencies:	4.0, 5.0, 6.75 MHz
Selectable PW Doppler Frequencies:	4.0, 5.0, 6.75 MHz
Cadence CPS Frequencies:	4.0, 5.0, 7.0 MHz
2D Steering Angle:	max ± 20°
Color Doppler Steering Angle:	max ± 20°
PW Doppler Steering Angle:	max ± 20°
Number of Elements:	576
Footprint:	40 mm
Maximum Field of View:	147 mm
Maximum Display Depth:	140 mm
Biopsy Guide:	SG-3 Needle Guide, PN 10041598
Biopsy Guide Angles:	51°, 39°
Compatible With:	ACUSON Sequoia ultrasound system
Exam Types:	Breast, Musculoskeletal, OB/GYN, Pelvis, Peripheral Vascular, Renal, Thyroid

Design Attributes:

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

ACUSON, Aspen, Elastogrip, Multi-D, MultiHertz, S2000, Sequoia and Vector are trademarks of Siemens Medical Solutions USA, Inc.

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