



ACUSON X300 Ultrasound System

Transducers

Release 2.0

SIEMENS
medical





C8-5 Transducer

Part Number:	10348181
Frequency Bandwidth:	8.0 – 5.0 MHz
Selectable 2D Frequencies:	4.7, 5.7, 7.3 MHz
Selectable THI Frequencies:	3.1, 3.6 MHz
Selectable Doppler Frequencies:	4.2, 5.0 MHz
2D Doppler Steering Angle:	N/A
Color Doppler Steering Angle:	N/A
PW Doppler Steering Angle:	N/A
Aperture:	5 mm x 26 mm
Number of Elements:	160
Array Length:	25.6 mm
Field of View:	109°
Maximum Display Depth:	140 mm
Radius of Curvature:	14.6 mm
Biopsy Guide:	N/A
Compatible with:	N/A
Applications:	N/A

Features:

- Wide bandwidth micro curved array transducer
- User selectable MultiHertz multiple frequency imaging
- Ergonomically designed form factor
- Lightweight transducer with flexible transducer cable
- 2D, THI-Phase Inversion, Color Doppler, Power Doppler, PW Doppler and M-Mode
- Supports SieScape™ panoramic imaging (optional)
- Supports Clarify™ vascular enhancement technology (optional)
- Supports SieClear™ multi-view spatial compounding (optional)



CH5-2 Transducer

Part Number:	08648086
Frequency Bandwidth:	5 – 2 MHz
Selectable 2D Frequencies:	2.5, 3.6, 5.0 MHz
Selectable THI Frequencies:	1.8, 2.2 MHz
Selectable Doppler Frequencies:	2.0, 2.7 MHz
2D Doppler Steering Angle:	N/A
Color Doppler Steering Angle:	N/A
PW Doppler Steering Angle:	N/A
Aperture:	14 mm x 61 mm
Number of Elements:	128
Array Length:	61.1 mm
Field of View:	68°
Maximum Display Depth:	30 cm
Radius of Curvature:	61.2 mm
Biopsy Guide:	CH4-1 Needle Guide Kit, PN 7472314
Compatible with:	SONOLINE G60 S™ ultrasound system SONOLINE G40™ ultrasound system
Applications:	OB/GYN, abdomen, renal, urology, fetal echo, emergency medicine

Features:

- Wide bandwidth curved array transducer
 - Hanafy lens transducer technology
- User selectable MultiHertz™ multiple frequency imaging
- Ergonomically designed form factor
- Lightweight transducer with flexible transducer cable
- 2D, THI, Color Doppler, Power Doppler, PW Doppler and M-Mode
- Supports SieScape imaging (optional)
- Supports Clarify VE technology (optional)
- Supports SieClear compounding (optional)
- Supports 3-Scape™ real-time 3D imaging



P8-4 Transducer

Part Number:	10030615
Frequency Bandwidth:	8 – 4 MHz
Selectable 2D Frequencies:	3.8, 5.3, 6.7 MHz
Selectable THI Frequencies:	2.7, 3.1 MHz
Selectable Doppler Frequencies:	3.6, 4.4 MHz
Steerable CW Frequency:	3.6 MHz
2D Doppler Steering Angle:	N/A
Color Doppler Steering Angle:	N/A
PW Doppler Steering Angle:	N/A
Aperture:	8 mm x 10 mm
Number of Elements:	64
Array Length:	9.6 mm
Field of View:	87°
Maximum Display Depth:	14 cm
Radius of Curvature:	N/A
Biopsy Guide:	N/A
Compatible with:	SONOLINE G40 ultrasound system
Applications:	Pediatric abdomen, renal, pediatric echo, neonatal head

Features:

- Wide bandwidth phased array transducer
- User selectable MultiHertz imaging
- Ergonomically designed form factor
- Lightweight transducer with flexible transducer cable
- 2D, THI-filtered and Phase Inversion, Color Doppler, Power Doppler, PW Doppler and M-Mode
- Supports SieScape imaging (optional)
- Supports Clarify VE technology (optional)



P4-2 Transducer

Part Number:	08648045
Frequency Bandwidth:	4 – 2 MHz
Selectable 2D Frequencies:	2.5, 3.1, 3.6 MHz
Selectable THI Frequencies:	1.8, 1.5 MHz
Selectable Doppler Frequencies:	2.0, 2.7 MHz
Steerable CW Doppler Frequency:	2.0 MHz
2D Doppler Steering Angle:	N/A
Color Doppler Steering Angle:	N/A
PW Doppler Steering Angle:	N/A
Aperture:	14 mm x 17 mm
Number of Elements:	64
Array Length:	16.6 mm
Field of View:	90°
Maximum Display Depth:	30 cm
Radius of Curvature:	N/A
Biopsy Guide:	N/A
Compatible with:	SONOLINE G40 ultrasound system
Applications:	Abdomen, cardiac, renal, OB/GYN, transcranial, emergency medicine

Features:

- Wide bandwidth phased array transducer
- User selectable MultiHertz imaging
- Ergonomically designed form factor
- Lightweight transducer with flexible transducer cable
- 2D, THI-filtered and Phase Inversion, Color Doppler, Power Doppler, PW Doppler, M-Mode and DTI™ Doppler Tissue Imaging for spectral and color Doppler
- Supports SieScape imaging (optional)
- Supports Clarify VE technology (optional)



VF13-5 Transducer

Part Number:	10030614
Frequency Bandwidth:	13 – 5 MHz
Selectable 2D Frequencies:	7.3, 8.9, 11.4 MHz
Selectable THI Frequencies:	4.4, 5.3 MHz
Selectable Doppler Frequencies:	6.2, 7.3 MHz
2D Doppler Steering Angle:	max +/- 12°
Color Doppler Steering Angle:	max +/- 12°
PW Doppler Steering Angle:	max +/- 12°
Aperture:	3 mm x 28 mm
Number of Elements:	128
Array Length:	38.4 mm
Field of View:	61 mm
Maximum Display Depth:	7 cm
Radius of Curvature:	N/A
Biopsy Guide:	N/A
Compatible with:	SONOLINE G40 ultrasound system
Applications:	Breast, thyroid, testicle, MSK, superficial MSK, digital, penile, cerebrovascular

Features:

- Wide bandwidth virtual format transducer
- User selectable MultiHertz imaging with 2D beam steering and trapezoidal imaging capabilities
- Ergonomically designed form factor
- Lightweight transducer with flexible transducer cable
- 2D, THI-Phase Inversion, Color Doppler, Power Doppler, PW Doppler and M-Mode
- Normal 2D steering angle
- Supports SieScape imaging (optional)
- Supports Clarify VE technology (optional)
- Supports SieClear compounding (optional)



VF13-5SP Transducer

Part Number:	07471506
Frequency Bandwidth:	13 – 5 MHz
Selectable 2D Frequencies:	7.3, 8.9, 11.4 MHz
Selectable THI Frequencies:	5.7, 5.0 MHz
Selectable Doppler Frequencies:	6.2, 7.3 MHz
2D Doppler Steering Angle:	max +/- 12°
Color Doppler Steering Angle:	max +/- 12°
PW Doppler Steering Angle:	max +/- 12°
Aperture:	3 mm x 28 mm
Number of Elements:	128
Array Length:	25.9 mm
Field of View:	61 mm
Maximum Display Depth:	7 cm
Radius of Curvature:	N/A
Biopsy Guide:	N/A
Compatible with:	ACUSON X500 ultrasound system ACUSON CV70™ cardiovascular system SONOLINE G60 S ultrasound system SONOLINE G50 ultrasound system
Applications:	Intraoperative, superficial vascular, small parts, musculoskeletal

Features:

- Wide bandwidth virtual format transducer
- User selectable MultiHertz imaging with 2D beam steering and trapezoidal imaging capabilities
- Ergonomically designed form factor
- Lightweight transducer with flexible transducer cable
- 2D, THI-Phase Inversion, Color Doppler, Power Doppler, PW Doppler and M-Mode
- Normal 2D steering angle
- Supports SieScape imaging (optional)
- Supports Clarify VE technology (optional)
- Supports SieClear compounding (optional)



VF10-5 Transducer

Part Number:	08648110
Frequency Bandwidth:	10 – 5 MHz
Selectable 2D Frequencies:	6.2, 8.0, 10.0 MHz
Selectable THI Frequencies:	4.0, 4.7 MHz
Selectable Doppler Frequencies:	5.3, 6.2 MHz
2D Doppler Steering Angle:	+/- 12° FOV-1, Up to +/-15° FOV-2, dependent on exam preset
Color Doppler Steering Angle:	+/- 12°
PW Doppler Steering Angle:	+/- 12°
Aperture:	5 mm x 39 mm
Number of Elements:	128
Array Length:	38.7 mm
Field of View:	78 mm
Maximum Display Depth:	10 cm
Radius of Curvature:	N/A
Biopsy Guide:	SG-3 Needle Guide Kit, PN 7296481
Compatible with:	SONOLINE G40 ultrasound system
Applications:	Breast, thyroid, testicle, MSK, orthopedics vascular, venous, emergency medicine

Features:

- Wide bandwidth Virtual Format transducer with 2D beam steering and trapezoid imaging capabilities
- User selectable MultiHertz imaging
- Ergonomically designed form factor
- Lightweight transducer with flexible transducer cable
- 2D, THI-Phase Inversion, Color Doppler, Power Doppler, PW Doppler and M-Mode
- Supports SieScape imaging (optional)
- Supports Clarify VE technology (optional)
- Supports SieClear compounding (optional)



VF8-3 Transducer

Part Number:	10038590
Frequency Bandwidth:	10.0 – 3.0 MHz
Selectable 2D Frequencies:	4.0, 5.3, 7.3, 10.0* MHz
Selectable THI Frequencies:	2.7, 3.6 MHz
Selectable Doppler Frequencies:	3.1, 4.0 MHz
2D Doppler Steering Angle:	-20/-10/0/10/20
Color Doppler Steering Angle:	-20/-10/0/10/20
PW Doppler Steering Angle:	-20/-10/0/10/20
Aperture:	6.2 mm x 42 mm
Number of Elements:	144
Array Length:	42.19 mm
Field of View:	N/A
Maximum Display Depth:	130 mm
Radius of Curvature:	N/A
Biopsy Guide:	Universal Guide System, PN 3260489
Compatible with:	N/A
Applications:	N/A

Features:

- Wide bandwidth Virtual Format transducer with 2D beam steering and trapezoid imaging capabilities
- User selectable MultiHertz imaging
- Ergonomically designed form factor
- Lightweight transducer with flexible transducer cable
- 2D, THI-Phase Inversion, Color Doppler, Power Doppler, PW Doppler and M-Mode
- Supports SieScape imaging (optional)
- Supports Clarify VE technology (optional)
- Supports SieClear compounding (optional)

* MSK-Musculoskeletal and small parts



EV9-4 Endovaginal Transducer

Part Number:	08648037
Frequency Bandwidth:	9 – 4 MHz
Selectable 2D Frequencies:	5.0, 6.7, 8.0 MHz
Selectable THI Frequencies:	2.9, 3.3 MHz
Selectable Doppler Frequencies:	4.0, 5.3 MHz
2D Doppler Steering Angle:	N/A
Color Doppler Steering Angle:	N/A
PW Doppler Steering Angle:	N/A
Aperture:	8 mm x 28 mm
Number of Elements:	128
Array Length:	28.2 mm
Field of View:	126°
Maximum Display Depth:	14 cm
Radius of Curvature:	12.3 mm
Biopsy Guide:	Disposable Endocavity Needle Guide, PN 7475764
Compatible with:	SONOLINE G40 ultrasound system
Applications:	Gynecology, obstetrics

Features:

- Wide bandwidth endovaginal transducer
- User selectable MultiHertz imaging
- Lightweight transducer with flexible transducer cable
- 2D, THI-Phase Inversion, Color Doppler, Power Doppler, PW Doppler and M-Mode
- Supports SieScape imaging (optional)
- Supports Clarify VE technology (optional)
- Supports SieClear compounding (optional)
- Supports 3-Scape imaging



EC9-4 Endocavity Transducer

Part Number:	10030334
Frequency Bandwidth:	9 – 4 MHz
Selectable 2D Frequencies:	5.0, 6.7, 8.0 MHz
Selectable THI Frequencies:	2.9, 3.3 MHz
Selectable Doppler Frequencies:	4.0, 5.3 MHz
2D Doppler Steering Angle:	N/A
Color Doppler Steering Angle:	N/A
PW Doppler Steering Angle:	N/A
Aperture:	8 mm x 26 mm
Number of Elements:	128
Array Length:	26.2 mm
Field of View:	130°
Maximum Display Depth:	14 cm
Radius of Curvature:	10 mm
Biopsy Guide:	Disposable Endocavity Needle Guide, PN 7475764
Compatible with:	SONOLINE G40 ultrasound system
Applications:	Obstetrics, gynecology, prostate

Features:

- User selectable MultiHertz imaging
- Ergonomically designed form factor
- Lightweight transducer with flexible transducer cable
- 2D, THI-Phase Inversion, Color Doppler, Power Doppler, PW Doppler and M-Mode
- Supports SieScape imaging (optional)
- Supports Clarify VE technology (optional)
- Supports SieClear compounding (optional)



CW5 Doppler Pencil Transducer

Part Number:	07472777
Doppler Frequency:	5.0 MHz
Number of Elements:	2
Diameter:	16 mm
Compatible with:	ACUSON X500 ultrasound system SONOLINE G60 S ultrasound system
Applications:	Vascular



CW2 Doppler Pencil Transducer

Part Number:	07472744
Doppler Frequency:	2.0 MHz
Number of Elements:	2
Diameter:	16 mm
Compatible with:	ACUSON X500 ultrasound system SONOLINE G60 S ultrasound system
Applications:	Cardiology

Siemens Medical Solutions USA, Inc.
Ultrasound Division
1230 Shorebird Way
P.O. Box 7393
Mountain View, CA 94039-7393 USA

Headquarters

Siemens Medical Solutions USA
51 Valley Stream Parkway
Malvern, PA 19355-1406 USA
Telephone: +1-888-826-9702
www.usa.siemens.com/medical

Contacts

Europe: +49 9131 84-0
Asia Pacific: +65 6341 0990
Latin America: +1 786-845-0697

Siemens Medical Solutions USA, Inc.
Ultrasound Division
1230 Shorebird Way
P.O. Box 7393
Mountain View, CA 94039-7393 USA
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