

SIEMENS



Transducers

ACUSON X150™ Ultrasound System

Release 2.0

www.siemens.com/ultrasound

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P4-2 Transducer

Part Number:	08648045
Frequency Bandwidth:	2 – 4 MHz
Selectable 2D Frequencies:	2.0*, 2.5, 2.9*, 3.1, 3.6 MHz
Selectable THI Frequencies:	1.3*, 1.5, 1.8, 2.5* MHz
Selectable Color Doppler Frequencies:	2.0, 2.7 MHz
Selectable PW Doppler Frequencies:	2.0, 2.5*, 2.7 MHz
Number of Elements:	64
Footprint:	16.6 mm
Maximum Field of View:	86°
Maximum Display Depth:	280 mm
Biopsy Guide:	Not available
Compatible with:	ACUSON X300™ ultrasound system SONOLINE G40™ ultrasound system
Exam Types:	Abdomen, Adult Echo, Emergency Medicine, OB/GYN, Renal, Transcranial

Design Attributes:

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

* TCD - Transcranial



CH5-2 Transducer

Part Number:	08648086
Frequency Bandwidth:	2 – 5 MHz
Selectable 2D Frequencies:	2.5, 3.6, 5.0 MHz
Selectable THI Frequencies:	1.8, 2.2 MHz
Selectable Color Doppler Frequencies:	2.0, 2.7 MHz
Selectable PW Doppler Frequencies:	2.2, 2.5 MHz
Number of Elements:	128
Footprint:	61.1 mm
Maximum Field of View:	66°
Maximum Display Depth:	280 mm
Biopsy Guide:	Reusable Needle Guide Kit, PN 07472314
Biopsy Guide Angles:	45° (A), 30.5° (B)
Compatible with:	ACUSON X300 ultrasound system SONOLINE G40 ultrasound system SONOLINE G60 S™ ultrasound system r10.0
Exam Types:	Abdomen, Emergency Medicine, Fetal Echo, OB/GYN, Renal, Urology

Design Attributes:

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



P8-4 Transducer

Part Number:	10030615
Frequency Bandwidth:	4 – 8 MHz
Selectable 2D Frequencies:	3.8, 5.3, 6.7 MHz
Selectable THI Frequencies:	2.7, 3.1 MHz
Selectable Color Doppler Frequencies:	3.6, 4.4 MHz
Selectable PW Doppler Frequencies:	3.6, 4.4 MHz
Number of Elements:	64
Footprint:	9.6 mm
Maximum Field of View:	87°
Maximum Display Depth:	140 mm
Biopsy Guide:	Not available
Compatible with:	ACUSON X300 ultrasound system SONOLINE G40 ultrasound system
Exam Types:	Neonatal Head, Pediatric Abdomen, Pediatric Echo, Renal

Design Attributes:

- Wide bandwidth phased array transducer
- User-selectable MultiHertz imaging
- Ergonomically designed form factor
- Lightweight transducer with flexible cable



EC9-4 Transducer

Part Number:	10030334
Frequency Bandwidth:	4 – 9 MHz
Selectable 2D Frequencies:	5.0, 6.7, 8.0 MHz
Selectable Color Doppler Frequencies:	4.0, 5.3 MHz
Selectable PW Doppler Frequencies:	4.0, 5.3 MHz
Number of Elements:	128
Footprint:	26.2 mm
Maximum Field of View:	126°
Maximum Display Depth:	140 mm
Biopsy Guide:	Reusable Needle Guide Kit, PN 10041823 Disposable Needle Guide kit, www.civco.com
Biopsy Guide Angle:	2°
Compatible with:	ACUSON X300 ultrasound system SONOLINE G40 ultrasound system
Exam Types:	OB/GYN, Urology

Design Attributes:

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



EV9-4 Transducer

Part Number:	08648037
Frequency Bandwidth:	4 – 9 MHz
Selectable 2D Frequencies:	5.0, 6.7, 8.0 MHz
Selectable Color Doppler Frequencies:	4.0, 5.3 MHz
Selectable PW Doppler Frequencies:	4.0, 5.3 MHz
Number of Elements:	128
Footprint:	28.2 mm
Maximum Field of View:	126°
Maximum Display Depth:	140 mm
Biopsy Guide:	Reusable Needle Guide Kit, PN 10041823 Disposable Needle Guide Kit, www.civco.com
Biopsy Guide Angles:	1.7°
Compatible with:	ACUSON X300 ultrasound system SONOLINE G40 ultrasound system
Exam Types:	Emergency Medicine, OB/GYN

Design Attributes:

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



VF10-5 Transducer

Part Number:	08648110
Frequency Bandwidth:	5 – 10 MHz
Selectable 2D Frequencies:	6.2, 8.0, 10.0 MHz
Selectable THI Frequencies:	4.0, 4.7 MHz
Selectable Color Doppler Frequencies:	5.3, 6.2 MHz
Selectable PW Doppler Frequencies:	5.3, 6.2 MHz
2D Steering Angle:	max +/- 15°
Color Doppler Steering Angle:	max +/- 12°
PW Doppler Steering Angle:	max +/- 12°
Number of Elements:	128
Footprint:	38.7 mm
Maximum Field of View:	78 mm
Maximum Display Depth:	100 mm
Biopsy Guide:	Reusable Needle Guide Kit, PN 07296481
Biopsy Guide Angles:	45° (A), 40° (B)
Compatible with:	ACUSON X300 ultrasound system SONOLINE G40 ultrasound system
Exam Types:	Breast, Cerebrovascular, Emergency Medicine, Musculoskeletal, Pediatric Hip, Peripheral Vascular, Testicle, Thyroid

Design Attributes:

- Wide bandwidth linear transducer
- Virtual format imaging
- 2D beam steering
- User selectable MultiHertz imaging
- Ergonomically designed form factor
- Lightweight transducer with flexible cable



VF13-5 Transducer

Part Number:	10030614
Frequency Bandwidth:	5 – 13 MHz
Selectable 2D Frequencies:	7.3, 8.9, 11.4 MHz
Selectable THI Frequencies:	4.4, 5.3 MHz
Selectable Color Doppler Frequencies:	5.7*, 6.2, 7.3 MHz
Selectable PW Doppler Frequencies:	5.7*, 6.2, 7.3 MHz
2D Steering Angle:	max +/- 12°
Color Doppler Steering Angle:	max +/- 12°
PW Doppler Steering Angle:	max +/- 12°
Number of Elements:	128
Footprint:	38.4 mm
Maximum Field of View:	61 mm
Maximum Display Depth:	60 mm
Biopsy Guide:	SG-4 Needle Guide Set, PN 7296499
Biopsy Guide Angles:	53°
Compatible with:	ACUSON X300 ultrasound system SONOLINE G40 ultrasound system
Exam Types:	Breast, Cerebrovascular, Digital, Musculoskeletal, Penile, Superficial Musculoskeletal, Testicle, Thyroid

Design Attributes:

- Wide bandwidth linear transducer
- User selectable MultiHertz imaging
- 2D beam steering
- Trapezoidal imaging
- Ergonomically designed form factor
- Lightweight transducer with flexible cable

* Cerebrovascular

Frequency Bandwidth measurements
represent bandwidth at ± 20 dB.

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