

Transducer



ACUSON Juniper

Ultrasound System

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5C1 Transducer

Frequency Bandwidth:	1.4 – 5.0 MHz
Number of Elements:	128
Footprint:	62.5 mm
Maximum Field of View:	70°
Maximum Display Depth:	300 mm
Biopsy Guide:	Needle Guide Starter Kit, 11361721
Exam Types:	Abd, Renal, Bowel, FAST, Lung, OB, Early OB, OB (Adv), Fetal Echo, GYN, Venous, Arterial, Pelvis, Spine

Design Attributes:	<ul style="list-style-type: none"> • Curved Vector Format • Hanafy lens transducer technology • User-selectable MultiHertz™ multiple frequency imaging
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7C2 Transducer

Frequency Bandwidth:	2.2 – 7.0 MHz
Number of Elements:	192
Footprint:	61.8 mm
Maximum Field of View:	70°
Maximum Display Depth:	300 mm
Biopsy Guide:	Needle Guide Starter Kit, 11361722
Exam Types:	Abd, Renal, Bowel, FAST, Lung, OB, Early OB, OB (Adv), Fetal Echo, GYN, Pelvis, Ped Abd, Spine

Design Attributes:	<ul style="list-style-type: none"> • Curved Vector Format • Hanafy lens transducer technology • Ergonomically designed form factor • User-selectable MultiHertz imaging
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11M3 Transducer

Frequency Bandwidth:	3.5 – 11.0 MHz
Number of Elements:	128
Footprint:	28.1 mm
Maximum Field of View:	110°
Maximum Display Depth:	140 mm
Biopsy Guide:	Not available
Exam Types:	Ped Abd, Ped Echo, Neo Echo, Neo Head, Carotid
Design Attributes:	<ul style="list-style-type: none"> • Micro convex Vector Format • Wide bandwidth curved array transducer • User-selectable MultiHertz imaging • Ergonomically designed form factor • Lightweight transducer with flexible cable

12L3 Transducer

Frequency Bandwidth:	2.9 – 11.5 MHz
2D Steering Angle:	max ± 15°
Color Doppler Steering Angle:	max ± 15°
PW Doppler Steering Angle:	max ± 15°
Number of Elements:	192
Footprint:	51.3 mm
Maximum Field of View:	133 mm
Maximum Display Depth:	160 mm
Biopsy Guide:	Needle Guide Starter Kit, 11335919
Exam Types:	Bowel, FAST, Lung, OB, Breast, Testis, Penile, Thyroid, Ped Hip, Carotid, Venous, Arterial, Spine, MSK, Digital, Nerve
Design Attributes:	<ul style="list-style-type: none"> • Wide bandwidth long linear transducer • Virtual format imaging • Hanafy lens transducer technology



11L4 Transducer

Frequency Bandwidth:	3.6 – 13.0 MHz
Number of Elements:	128
Footprint:	38.4 mm
Maximum Field of View:	120 mm
Maximum Display Depth:	160 mm
Biopsy Guide:	Needle Guide Starter Kit, 11361720
Exam Types:	Bowel, FAST, Lung, OB, Breast, Testis, Penile, Thyroid, Ped Hip, Carotid, Venous, Arterial, Spine, MSK, Digital, Nerve

Design Attributes:	<ul style="list-style-type: none"> • Wide bandwidth linear transducer • Virtual format imaging • User-selectable MultiHertz imaging • Ergonomically designed form factor • 2D beam steering • Lightweight transducer with flexible cable
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16L4 Transducer

Frequency Bandwidth:	4.3 – 15.4 MHz
Number of Elements:	192
Footprint:	34.6 mm
Maximum Field of View:	65 mm
Maximum Display Depth:	60 mm
Biopsy Guide:	Needle Guide Starter Kit, 11335924
Exam Types:	Bowel, FAST, Lung, Breast, Testis, Penile, Thyroid, Ped Hip, Carotid, MSK, Digital, Nerve

Design Attributes:	<ul style="list-style-type: none"> • Wide bandwidth linear transducer • Virtual format imaging • Hanafy lens transducer technology
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18H5 Transducer

Frequency Bandwidth:	4.5 – 18.0 MHz
Number of Elements:	192
Footprint:	26.9 mm
Maximum Field of View:	68 mm
Maximum Display Depth:	80 mm
Biopsy Guide:	Not available
Exam Types:	Testis, Penile, MSK, Digital, Nerve, IO Abd, Carotid, Thyroid
Design Attributes:	<ul style="list-style-type: none"> • Wide bandwidth linear transducer • Virtual format imaging • User-selectable MultiHertz imaging • Ergonomically designed form factor • Lightweight transducer with flexible cable



5P1 Transducer

Frequency Bandwidth:	1.1 – 4.8 MHz
Number of Elements:	96
Footprint:	22.1 mm
Maximum Field of View:	90°
Maximum Display Depth:	300 mm
Biopsy Guide:	Not available
Exam Types:	Abd, FAST, LUNG, Renal, Adult Echo, Ped Echo, TCD
Design Attributes:	<ul style="list-style-type: none"> • Wide bandwidth phased array Single Crystal Piezoelectric transducer • User-selectable MultiHertz imaging • Ergonomically designed form factor • Lightweight transducer with flexible cable



8V4 Transducer

Frequency Bandwidth:	2.7 – 8.0 MHz
Number of Elements:	64
Footprint:	9.6 mm
Maximum Field of View:	90°
Maximum Display Depth:	140 mm
Biopsy Guide:	Not available
Exam Types:	Ped Abd, Ped Echo, Neo Head, Neo Echo
Design Attributes:	<ul style="list-style-type: none"> • Wide bandwidth phased array transducer • User-selectable MultiHertz imaging • Ergonomically designed form factor • Lightweight transducer with flexible cable



10V4 Transducer

Frequency Bandwidth:	4.1 – 9.9 MHz
Number of Elements:	128
Footprint:	14 mm
Maximum Field of View:	90°
Maximum Display Depth:	140 mm
Biopsy Guide:	Not available
Exam Types:	Ped Abd, Ped Echo, Neo Head, Neo Echo
Design Attributes:	<ul style="list-style-type: none"> • Vector imaging format • User-selectable MultiHertz Imaging



9MC3 Transducer

Frequency Bandwidth:	3.0 – 9.0 MHz
Number of Elements:	128
Footprint:	31.7 mm
Maximum Field of View:	220°
Maximum Display Depth:	140 mm
Biopsy Guide:	Disposable Needle Guide, 11335912 Reusable Needle Guide, 11335913
Exam Types:	Early OB, OB (Adv), GYN, Prostate, OB
Design Attributes:	<ul style="list-style-type: none"> • Wide field of view curved array transducer • User-selectable MultiHertz imaging • Lightweight transducer with flexible cable • Curved Vector Format



10MC3 Transducer

Frequency Bandwidth:	3.0 – 10.0 MHz
Number of Elements:	128
Footprint:	32 mm
Maximum Field of View:	150°
Maximum Display Depth:	140 mm
Biopsy Guide:	Disposable Needle Guide, 11335908 Reusable Needle Guide, 11335905
Exam Types:	Early OB, OB (Adv), GYN, Prostate, OB
Design Attributes:	<ul style="list-style-type: none"> • Wide field of view curved array transducer • User-selectable MultiHertz imaging • Lightweight transducer with flexible cable • Curved Vector Format



9VE3 Transducer

Frequency Bandwidth:	3.0 – 9.0 MHz
Number of Elements:	128
Footprint:	25.5 mm
Maximum Field of View:	145°
Maximum Display Depth:	140 mm
Biopsy Guide:	Reusable Needle Guide, 11370495
Exam Types:	Early OB, OB (Adv), GYN, Pelvic floor, OB
Design Attributes:	<ul style="list-style-type: none"> • Curved Vector Format • Wide bandwidth endovaginal volume transducer • User-selectable MultiHertz imaging • Lightweight transducer with flexible cable



8VC3 Transducer

Frequency Bandwidth:	2.7 – 8.0 MHz
Number of Elements:	128
Footprint:	48.9 mm
Maximum Field of View:	69°
Maximum Display Depth:	300 mm
Biopsy Guide:	Not available
Exam Types:	Abd, OB, Early OB, OB (ADV), GYN, Pelvic floor, Fetal Echo
Design Attributes:	<ul style="list-style-type: none"> • Curved Vector Format • Wide bandwidth curved array transducer • User-selectable MultiHertz imaging • Ergonomically designed form factor • Lightweight transducer with flexible cable



CW2 Transducer

Selectable CW Doppler Frequencies:	2.0 MHz
Number of Elements:	2
Footprint:	17 mm
Diameter:	17 mm
Biopsy Guide:	Not available
Compatible with:	ACUSON S3000 ultrasound system ACUSON S2000 ultrasound system ACUSON S1000 ultrasound system ACUSON X700 ultrasound system ACUSON X600 ultrasound system ACUSON X300 ultrasound system, premium edition (PE) ACUSON X300 ultrasound system
Exam Types:	Adult Echo, Ped Echo



CW5 Transducer

Selectable CW Doppler Frequencies:	5.0 MHz
Number of Elements:	2
Footprint:	17 mm
Diameter:	17 mm
Biopsy Guide:	Not available
Compatible with:	ACUSON S3000 ultrasound system ACUSON S2000 ultrasound system ACUSON S1000 ultrasound system ACUSON X700 ultrasound system ACUSON X600 ultrasound system ACUSON X300 ultrasound system, premium edition (PE) ACUSON X300 ultrasound system
Exam Types:	Carotid, TCD, Ped Echo

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 Healthineers organization for further details.

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Frequency Bandwidth measurements represent bandwidth at ± 20 dB.

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