ACUSON X300™ Ultrasound System

Transducers

Release 2.0
CH5-2 Transducer

Frequency Bandwidth: 5 – 2 MHz

Compatible with:
- ACUSON X150™ ultrasound system
- 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, Phase Inversion and Filtered THI (optional), 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)
- Supports 3-Scape™ real-time 3D imaging

C8-5 Transducer

Frequency Bandwidth: 8 – 5 MHz

Compatible with: N/A

Applications: Pediatrics (neonatal cephalic, abdomen, cardiology), veterinary

Features:
- Wide bandwidth micro curved array transducer
- User selectable MultiHertz multiple frequency imaging
- Ergonomically designed form factor
- Lightweight transducer with flexible transducer cable
- 2D, Phase Inversion THI (optional), Color Doppler, Power Doppler, PW Doppler and M-mode
- Supports SieScape imaging (optional)
- Supports Clarify VE technology (optional)
- Supports SieClear compounding (optional)
P4-2 Transducer

Frequency Bandwidth: 4 – 2 MHz

Compatible with: ACUSON X150 ultrasound system
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, Phase Inversion and Filtered THI (optional), Color Doppler, Power Doppler, PW Doppler and M-mode
• Supports DTI™ Doppler Tissue Imaging for spectral and color Doppler
• Supports SieScape imaging (optional)
• Supports Clarify VE technology (optional)

P8-4 Transducer

Frequency Bandwidth: 8 – 4 MHz

Compatible with: ACUSON X150 ultrasound system
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, Phase Inversion and Filtered THI (optional), Color Doppler, Power Doppler, PW Doppler and M-mode
• Supports SieScape imaging (optional)
• Supports Clarify VE technology (optional)
VF8-3 Transducer

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
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<tbody>
<tr>
<td>Frequency Bandwidth:</td>
<td>10 – 3 MHz</td>
</tr>
<tr>
<td>Compatible with:</td>
<td>N/A</td>
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<tr>
<td>Applications:</td>
<td>Peripheral vascular (arterial and venous, including digital), cerebrovascular, small parts (breast, testicle, thyroid), MSK</td>
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</tbody>
</table>

**VF8-3 Transducer 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, Phase Inversion THI (optional), Color Doppler, Power Doppler, PW Doppler and M-mode
- Supports SieScape imaging (optional)
- Supports Clarify VE technology (optional)
- Supports SieClear compounding (optional)

VF10-5 Transducer

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Frequency Bandwidth:</td>
<td>10 – 5 MHz</td>
</tr>
<tr>
<td>Compatible with:</td>
<td>ACUSON X150 ultrasound system, SONOLINE G40 ultrasound system</td>
</tr>
<tr>
<td>Applications:</td>
<td>Breast, thyroid, testicle, MSK, orthopedics, vascular, venous, emergency medicine</td>
</tr>
</tbody>
</table>

**VF10-5 Transducer 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, Phase Inversion THI (optional), Color Doppler, Power Doppler, PW Doppler and M-mode
- Supports SieScape imaging (optional)
- Supports Clarify VE technology (optional)
- Supports SieClear compounding (optional)
### VF13-5SP Transducer

<table>
<thead>
<tr>
<th>Frequency Bandwidth:</th>
<th>13 – 5 MHz</th>
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<tbody>
<tr>
<td>Compatible with:</td>
<td>ACUSON X500™ ultrasound system</td>
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<td></td>
<td>ACUSON CV70™ cardiovascular system</td>
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<tr>
<td></td>
<td>SONOLINE G60 S ultrasound system</td>
</tr>
<tr>
<td></td>
<td>SONOLINE G50™ ultrasound system</td>
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<tr>
<td>Applications:</td>
<td>Intraoperative, superficial vascular, small parts, musculoskeletal</td>
</tr>
<tr>
<td>Features:</td>
<td>• Wide bandwidth virtual format transducer</td>
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<tr>
<td></td>
<td>• User selectable MultiHertz imaging with 2D beam steering and trapezoidal imaging capabilities</td>
</tr>
<tr>
<td></td>
<td>• Ergonomically designed form factor</td>
</tr>
<tr>
<td></td>
<td>• Lightweight transducer with flexible transducer cable</td>
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<tr>
<td></td>
<td>• 2D, Phase Inversion THI (optional), Color Doppler, Power Doppler, PW Doppler and M-mode</td>
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<tr>
<td></td>
<td>• Supports SieScape imaging (optional)</td>
</tr>
<tr>
<td></td>
<td>• Supports Clarify VE technology (optional)</td>
</tr>
<tr>
<td></td>
<td>• Supports SieClear compounding (optional)</td>
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### VF13-5 Transducer

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<tr>
<th>Frequency Bandwidth:</th>
<th>13 – 5 MHz</th>
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<tbody>
<tr>
<td>Compatible with:</td>
<td>ACUSON X150 ultrasound system</td>
</tr>
<tr>
<td></td>
<td>SONOLINE G40 ultrasound system</td>
</tr>
<tr>
<td>Applications:</td>
<td>Breast, thyroid, testicle, MSK, superficial MSK, digital, penile, cerebrovascular</td>
</tr>
<tr>
<td>Features:</td>
<td>• Wide bandwidth virtual format transducer</td>
</tr>
<tr>
<td></td>
<td>• User selectable MultiHertz imaging with 2D beam steering and trapezoidal imaging capabilities</td>
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<td>• Ergonomically designed form factor</td>
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<td>• Lightweight transducer with flexible transducer cable</td>
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<td>• 2D, Phase Inversion THI (optional), Color Doppler, Power Doppler, PW Doppler and M-mode</td>
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<td></td>
<td>• Supports SieScape imaging (optional)</td>
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<td></td>
<td>• Supports Clarify VE technology (optional)</td>
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<td></td>
<td>• Supports SieClear compounding (optional)</td>
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### EC9-4 Endocavity Transducer

<table>
<thead>
<tr>
<th>Frequency Bandwidth:</th>
<th>9 – 4 MHz</th>
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</thead>
</table>
| Compatible with:     | ACUSON X150 ultrasound system  
                       | SONOLINE G40 ultrasound system |
| Applications:        | Obstetrics, gynecology, prostate |

**Features:**
- User selectable MultiHertz imaging
- Ergonomically designed form factor
- Lightweight transducer with flexible transducer cable
- 2D, Phase Inversion THI (optional), 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

### EV9-4 Endovaginal Transducer

<table>
<thead>
<tr>
<th>Frequency Bandwidth:</th>
<th>9 – 4 MHz</th>
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</thead>
</table>
| Compatible with:     | ACUSON X150 ultrasound system  
                       | SONOLINE G40 ultrasound system |
| Applications:        | Gynecology, obstetrics |

**Features:**
- Wide bandwidth endovaginal transducer
- User selectable MultiHertz imaging
- Lightweight transducer with flexible transducer cable
- 2D, Phase Inversion THI (optional), 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
CW5 Doppler Pencil Transducer

Compatible with:
- ACUSON X500 ultrasound system
- SONOLINE G60 S ultrasound system

Applications:
- Vascular

CW2 Doppler Pencil Transducer

Compatible with:
- ACUSON X500 ultrasound system
- SONOLINE G60 S ultrasound system

Applications:
- Cardiology