ACUSON X300™ Ultrasound System

Transducers

Release 2.0
### CH5-2 Transducer

<table>
<thead>
<tr>
<th>Frequency Bandwidth:</th>
<th>5 – 2 MHz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compatible with:</td>
<td>ACUSON X150™ ultrasound system</td>
</tr>
<tr>
<td></td>
<td>SONOLINE G60 S™ ultrasound system</td>
</tr>
<tr>
<td></td>
<td>SONOLINE G40™ ultrasound system</td>
</tr>
<tr>
<td>Applications:</td>
<td>OB/GYN, abdomen, renal, urology, fetal echo, emergency medicine</td>
</tr>
</tbody>
</table>

**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

<table>
<thead>
<tr>
<th>Frequency Bandwidth:</th>
<th>8 – 5 MHz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compatible with:</td>
<td>N/A</td>
</tr>
<tr>
<td>Applications:</td>
<td>Pediatrics (neonatal cephalic, abdomen, cardiology), veterinary</td>
</tr>
</tbody>
</table>

**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

Frequency Bandwidth: 10 – 3 MHz
Compatible with: N/A
Applications: Peripheral vascular (arterial and venous, including digital), cerebrovascular, small parts (breast, testicle, thyroid), MSK

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

Frequency Bandwidth: 10 – 5 MHz
Compatible with: ACUSON X150 ultrasound system
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, 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

Frequency Bandwidth: 13 – 5 MHz

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, 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)

VF13-5 Transducer

Frequency Bandwidth: 13 – 5 MHz

Compatible with:
- ACUSON X150 ultrasound system
- 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, 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)
### EC9-4 Endocavity Transducer

<table>
<thead>
<tr>
<th>Frequency Bandwidth:</th>
<th>9 – 4 MHz</th>
</tr>
</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) |

### EV9-4 Endovaginal Transducer

<table>
<thead>
<tr>
<th>Frequency Bandwidth:</th>
<th>9 – 4 MHz</th>
</tr>
</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