### SONOSITE SII TRANSDUCERS

<table>
<thead>
<tr>
<th>Transducer</th>
<th>Description</th>
<th>Applications</th>
<th>Scan depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>L38xi</td>
<td>10-5 MHz Linear</td>
<td>Abdominal, musculoskeletal, nerve, arterial, venous, small parts</td>
<td>6 cm</td>
</tr>
<tr>
<td>L52x</td>
<td>8-5 MHz Curved</td>
<td>Abdominal, musculoskeletal, nerve, arterial, venous, small parts</td>
<td>10 cm</td>
</tr>
<tr>
<td>C35x</td>
<td>8-5 MHz Curved</td>
<td>Nerve, MSK, Spine</td>
<td>13 cm</td>
</tr>
<tr>
<td>C11x</td>
<td>8-5 MHz Curved</td>
<td>Nerve, MSK, Arterial, Venous</td>
<td>9 cm</td>
</tr>
<tr>
<td>P35x</td>
<td>8-4 MHz Phased</td>
<td>Superficial, arterial, venous, 13-6 MHz Linear</td>
<td>11.5 cm</td>
</tr>
<tr>
<td>HFL50x</td>
<td>5-1 MHz Phased</td>
<td>Nerve, MSK, Breast, Small Parts</td>
<td>14 cm</td>
</tr>
<tr>
<td>HSL25x</td>
<td>6-1 MHz Phased</td>
<td>Nerve, MSK, Arterial, Venous</td>
<td>11 cm</td>
</tr>
</tbody>
</table>

### CONNECTIVITY (EXTERNAL DATA MANAGEMENT)

- **Power Supply**: Sony’s proprietary power supply ensures reliable operation and continuous availability.
- **Connectivity Options**: The system features a comprehensive array of connectivity options, including Ethernet, USB, and RS-232 for seamless integration with various devices and systems.
- **DICOM**: Digital Imaging and Communications in Medicine, a standard for electronic exchange of medical imaging information.

### BAR CODE READER

- **Purpose**: Enables efficient patient identification and tracking.

### POWER SUPPLY

- **Specifications**: 50/60 Hz input, 15 VDC output, rechargeable lithium-ion battery.

### SYSTEM SPECIFICATIONS

- **Dimensions**: 56 x 10 x 29 inches, 11.5 lbs. (5.70 kg) with battery.
- **Weight**: 17.6” x 11.5” x 4.8” / 12.6 lbs./5.70 kg with battery.
- **Mounting**: (2.9” x 2.9” / 75mm x 75mm) and (4.9” x 4.9” / 125mm x 125mm).
- **Comprehensive Tool Set**: Includes a comprehensive set of accessories, such as transducer switches, piezo-electric transducer switching function, and tibia measurement and charts.

### USER INTERFACE

- **Biopsy Guidelines**: User-defined, application-specific annotations.
- **Perfusion**: Ejection fraction, volume measurements, and tibia measurement and charts.
- **TAPSE**: Ability to view EF and FS simultaneously.
- **Onboard Image and Clip Storage**: Support for up to 500 patients.
- **Cardiac**: Automatic transesophageal echo (TTE) and 2D transthoracic echo (TTE).

### TECHNOLOGY

- **ColorHD Technology**: Improved color resolution and contrast.
- **DirectClear Technology**: Decreased signal loss and increased contrast resolution.
- **Adaptive Touchscreen Display**: With menus optimized for current system state.
- **ColorBox (Virtual Track Pad)**: Touchscreen manipulation for calipers, zoom, and save image.
- **Stitchwrite**: Direct writing capability to USB 2.0 mass storage.
- **DiagBox**: Biopsy guidelines, perfusion, and TAPSE.
- **Color Doppler and Velocity Color**: Improved visualization of blood flow and velocity.

### IMPROVING EFFICIENCY

- **Performance Optimization**: Advanced system algorithms for increased efficiency.
- **User-Friendly Interface**: Intuitive design for enhanced user experience.
- **Multi-Mode Operation**: Future-proofed for evolving needs.

### INCLUDING APPLICATIONS

- **Cardiology**: Comprehensive tool set for cardiac imaging.
- **Neonatal**: Advanced features for neonatal care.
- **Obstetrics**: Specialized tools for obstetric applications.
- **Vascular**: Advanced vascular imaging capabilities.
- **Musculoskeletal**: Enhanced musculoskeletal imaging options.

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**DICOM**: The registered trademark of the National Electrical Manufacturers Association.
The SII empowers your efficiency through an intuitive, yet smart user interface that adapts to your imaging needs. The system is portable and can be used across multiple hospital environments, including a zero footprint option for space-constrained rooms. We listened to you and designed the SII system to maximize the productivity of your practice, and support you in providing simply the best patient care.

**ELEVATED COLOR SENSITIVITY**

Through a dual flex and thin lens design, combined with new advancements in image optimization, the HFL38xi was engineered for increased penetration, clarity, and color sensitivity. You can now better visualize nerves and vessels, whether it be for procedural guidance or flow analysis.

**OPTIMIZED IMAGING EXPERIENCE**

DirectClear Technology is a novel, patent-pending process that elevates transducer performance:

- Improved penetration and contrast resolution: Unlike conventional SonoSite transducers, a more efficient material has been embedded into the design that allows for the generation of more acoustic signal. In parallel, a reflective layer has been added to reduce the loss of this signal, as it is transmitted into the patient.
- Sharpened detail resolution: An additional layer has been added to provide a better acoustic match between the transducer and the patient, increasing the ability to resolve small structures and aid in your diagnostic confidence.

**VISUALIZATION, CLEARLY ENHANCED.**

**WORKFLOW EXTENDED, FROM SYSTEM TO STAND.**