



**17L5 HD Transducer**

# 17L5 HD Transducer

Part Number: 10035724

<b>Primary Applications:</b>	Small parts, Breast, Musculoskeletal Superficial imaging, Intraoperative Superficial vascular, Contrast agent imaging*
<b>B-mode, M-Mode Frequencies:</b>	15.0, 12.0, 8.0 MHz
<b>NTHI Frequency:</b>	H14.0 MHz
<b>Color Doppler Frequencies:</b>	14.0, 12.0, 10.0, 8.5, 7.0 MHz
<b>Spectral Doppler Frequency:</b>	7.0 MHz
<b>High Resolution Color Flow (HRCF) Frequencies:</b>	14.0, 10.0, 7.0 MHz
<b>Cadence™ Contrast Pulse Sequencing (CPS) Frequencies:</b>	P14.0, P10.0, P8.0, P7.0 MHz
<b>Imaging Formats:</b>	Linear and Vector™ wide-view imaging format
<b>Array Footprint:</b>	51.2 mm
<b>Maximum Display Depth:</b>	80 mm
<b>Compatible With:</b>	ACUSON Sequoia™ 512 ultrasound system ACUSON Sequoia™ C512 echocardiography system
<b>Accessories:</b>	17L5 HD Needle Guide, PN 10037928



## Key Features:

- Hanafy Lens transducer technology provides uniformly narrow image slice thickness for superb resolution in the elevation plane
- Virtual Format provides a vector imaging display for extended field of view in visualizing vascular anatomy
- Wideband MultiHertz™ multiple frequency imaging allows independent selection of 2D, color and spectral Doppler frequencies
- Extra-long cable (2.1 m) for ease of use

## Compatible Options:

- Advanced SieClear™ spatial compounding option with Dynamic TCE™ tissue contrast enhancement technology option provides unrivaled detail, contrast resolution, and speckle reduction in all tissue types
- Clarify™ vascular enhancement technology option provides noise and artifact reduction for exceptional contrast resolution and clearer wall and vessel-lumen definition
- Cadence CPS technology option enables enhanced contrast agent detection utilizing both non-linear fundamental and higher order harmonics\*
- Native TEQ™ ultrasound technology option enables control-free optimization of the 2D image with changes in scanning window. Native TEQ technology for spectral Doppler optimizes scale, baseline, gain, and dynamic range for strain-free operation
- Auto Doppler option provides automatic tracing of the spectral Doppler envelope and calculation of major waveform indices and parameters

\* At the time of publication, the U.S. Food and Drug Administration has cleared ultrasound contrast agents only for use in LVO. Check the current regulations for the country in which you are using this system for contrast agent clearance.

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