



Clinical applications for 6C1 HD transducer: abdominal, fetal echo, obstetrics and gynecology, pelvis, renal

6C1 HD Transducer

Part Number	10854033
Frequency Bandwidth	1.5–6.0 MHz
Selectable 2D Frequencies	1.5, 1.8, 2.5, 4.0, 4.5, 5.5 MHz
Selectable THI Frequencies	H2.5, H3.0, H3.5, H4.0, H4.5, H5.0, H5.5 MHz
Selectable Color Doppler Frequencies	2.0, 2.5, 3.5 MHz
Selectable PW Doppler Frequencies	2.0, 2.5, 3.5 MHz
Cadence CPS ¹ Frequencies	1.5, 2.0, 2.5 MHz
Cadence CHI ¹ Frequencies	3.0, 3.5, 4.0 MHz
Number of Elements	192
Footprint	61 mm
Maximum Field of View	70°
Maximum Display Depth	300 mm
Biopsy Guide	6C1 HD needle guide
Biopsy Guide Angles	44.2°, 28.8°
Compatible with	ACUSON S2000 ultrasound system ACUSON S3000 ultrasound system
Release Version	Classic (VC25 or below) HELX Evolution (VC30 or above) HELX Evolution with Touch Control (VD10 or above)
Exam Types	Abdomen, Fetal Echo, Obstetrics/Gynecology, Pelvis, Renal
Design Attributes	<ul style="list-style-type: none"> • Vector wide-view imaging format • Hanafy lens transducer technology • MultiHertz multiple frequency imaging • Ergonomic design
Applications Supported	<ul style="list-style-type: none"> • Cadence contrast pulse sequencing (CPS) technology • Cadence contrast harmonic imaging (CHI)¹ • Compatible with eSieImage multi-parametric optimization (HELX Evolution VC30B or above only) • Tissue Harmonic Imaging (THI) technology and TEQ ultrasound technology • Advanced SieClear multi-view spatial compounding and Dynamic TCE tissue contrast enhancement technology • Virtual Touch imaging • Virtual Touch quantification • eSie Touch elasticity imaging