



Clinical applications for 9L4 transducer: breast, cerebrovascular, fetal echo, musculoskeletal, obstetrics and gynecology, pediatric abdomen and hip, pelvis, penile, peripheral vascular, testicle, thyroid

9L4 Transducer

Part Number	10041588
Frequency Bandwidth	4.0–9.0 MHz
Selectable 2D Frequencies	4.0, 6.0, 9.0 MHz
Selectable THI Frequencies	HC7.0, H7.0, H8.0, H9.0 MHz
Selectable Color Doppler Frequencies	4.0, 5.0, 6.75 MHz
Selectable PW Doppler Frequencies	4.0, 5.0, 6.75 MHz
Cadence CPS Frequencies	4.0, 5.0, 7.0 MHz
Cadence CHI Frequencies	7.0, 8.0, 9.0 MHz
2D Steering Angle	Max. $\pm 20^\circ$
Color Doppler Steering Angle	Max. $\pm 20^\circ$
PW Doppler Steering Angle	Max. $\pm 20^\circ$
Number of Elements	576
Footprint	40 mm
Maximum Field of View	147 mm
Maximum Display Depth	140 mm
Biopsy Guide	SG-3 Needle Guide
Biopsy Guide Angles	51°, 39°
Compatible with	ACUSON S1000 ultrasound system 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	Breast, Cerebrovascular, Fetal Echo, Musculoskeletal, Obstetrics/Gynecology, Pediatric Abdomen, Pediatric Hip, Pelvis, Penile, Peripheral Vascular, Testicle, Thyroid
Design Attributes	<ul style="list-style-type: none"> • Multi-D matrix array transducer • Ergonomically designed form factor • Lightweight transducer with flexible cable • MultiHertz multiple frequency imaging • Harmonic compounding • Patented micro-pinless connector technology
Applications Supported	<ul style="list-style-type: none"> • Virtual Touch imaging • Virtual Touch quantification • eSie Touch elasticity imaging • Cadence contrast pulse sequencing (CPS) technology • Cadence contrast harmonic imaging (CHI)