





# Transducer Guide

## Voluson Compact Series Extraordinary vision








Innovative transducer technology enables extraordinary vision within a broad range of applications. Our compact ultrasound transducer offering includes 2D curved and linear technologies, as well as RealTime 4D curved, linear and microconvex technologies. This wide selection of transducers enables application flexibility and allows you to expand your applications beyond OB/GYN to include general and small parts imaging, breast, pediatrics, and peripheral vascular.

From routine exams to the technically difficult patient, Voluson\* transducers help deliver excellent image quality.

	Description	Applications	Footprint	Bandwidth	FOV	Availability
<b>Small Parts – 2D</b>						
 12L-RS H40402LY	Wide band, multi-frequency linear transducer	Small Parts, Peripheral Vascular, Pediatrics, MSK	47.2 x 13.8 mm	4 – 12 MHz	37 mm	Voluson <i>i</i>
 9L-RS H40442LL	Wide band, multi-frequency linear transducer	Small-Parts, Peripheral Vascular, Pediatrics, MSK, Obstetrics	53.1 x 13.8 mm	3 – 8 MHz	43 mm	Voluson <i>i</i>
 SP10-16-RS H48661NJ	Wide band, multi-frequency linear transducer	Obstetrics, Pediatrics, Peripheral Vascular, MSK	43.4 x 12.7 mm	7 – 18 MHz	33.7 mm	Voluson <i>i</i>
 8C-RS H40402LS	Wide band micro-convex array transducer	Abdominal, Small Parts, Cardiology, Peripheral Vascular, Pediatrics	22.0 x 12.0 mm	4 – 10 MHz	125°	Voluson <i>i</i>
<b>Abdominal – 2D</b>						
 4C-RS H4000SR	Wide band, convex array transducer	Abdomen, OB/GYN	18.3 x 68.7 mm	2 – 5 MHz	58°	Voluson <i>i</i>
 AB2-7-RS H44901AD	Wide band, convex array transducer	Abdomen, OB/GYN, Urology, Pediatrics	58.9 x 23.4 mm	2 – 8 MHz	80°	Voluson <i>i</i>



	Description	Applications	Footprint	Bandwidth	FOV	Availability
<b>Endocavity – 2D</b>						
 E8C-RS H40402LN	Wide band, micro-convex endocavitary transducer	OB/GYN, Urology	22.1 x 10.7 mm	4 – 10 MHz	123°	Voluson <i>i</i>
 IC5-9W-RS H44901AC	Wide band, micro-convex endocavitary transducer	OB/GYN, Urology	22 x 9.8 mm	3 – 10 MHz	197°	Voluson <i>i</i> <i>(limited regional availability)</i>
<b>Real-time 4D Micro-convex</b>						
 RNA5-9-RS H45021LA	Real-time 4D micro-convex transducer	Abdomen, Small Parts, Obstetrics, Pediatrics, Cardiology	26.7 x 22.9 mm	3 – 9 MHz	117°, √ 117° x 90°	Voluson <i>i</i>
<b>Real-time 4D Abdominal</b>						
 RAB2-6-RS H48681WR	Ultra-light real-time 4D convex transducer	Abdominal, OB/GYN	62.2 x 34.0 mm	2 – 6 MHz	80°, √ 85° x 80°	Voluson <i>i</i>
 RAB2-5-RS H46701NA	Real-time 4D convex transducer	Abdomen, OB/GYN	63.6 x 38.9 mm	1 – 4 MHz	80°, √ 85° x 80°	Voluson <i>i</i>
 RAB4-8-RS H45021L	Real-time 4D convex transducer	Abdomen, OB/GYN, Pediatrics	63.6 x 37.8 mm	2 – 8 MHz	70°, √ 85° x 70°	Voluson <i>i</i>
<b>Real-time 4D Endocavity</b>						
 RIC5-9W-RS H48661EF	Real-time 4D micro-convex endocavitary transducer	OB/GYN, Urology	22.4 x 22.6 mm	4 – 9 MHz	146°, √ 146° x 120°	Voluson <i>i</i>
<b>Real-time 4D Small Parts</b>						
 RSP6-16-RS H46701AC	Real-time 4D linear transducer	Small Parts, Peripheral Vascular, Pediatrics, MSK	48.6 x 55.9 mm	6 – 18 MHz	37.4 mm √ 37.4 mm x 29°	Voluson <i>i</i>

*Biopsy kits are available for all Voluson i transducers and for most Voluson e transducers. Please contact your GE sales representative for more information.*

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