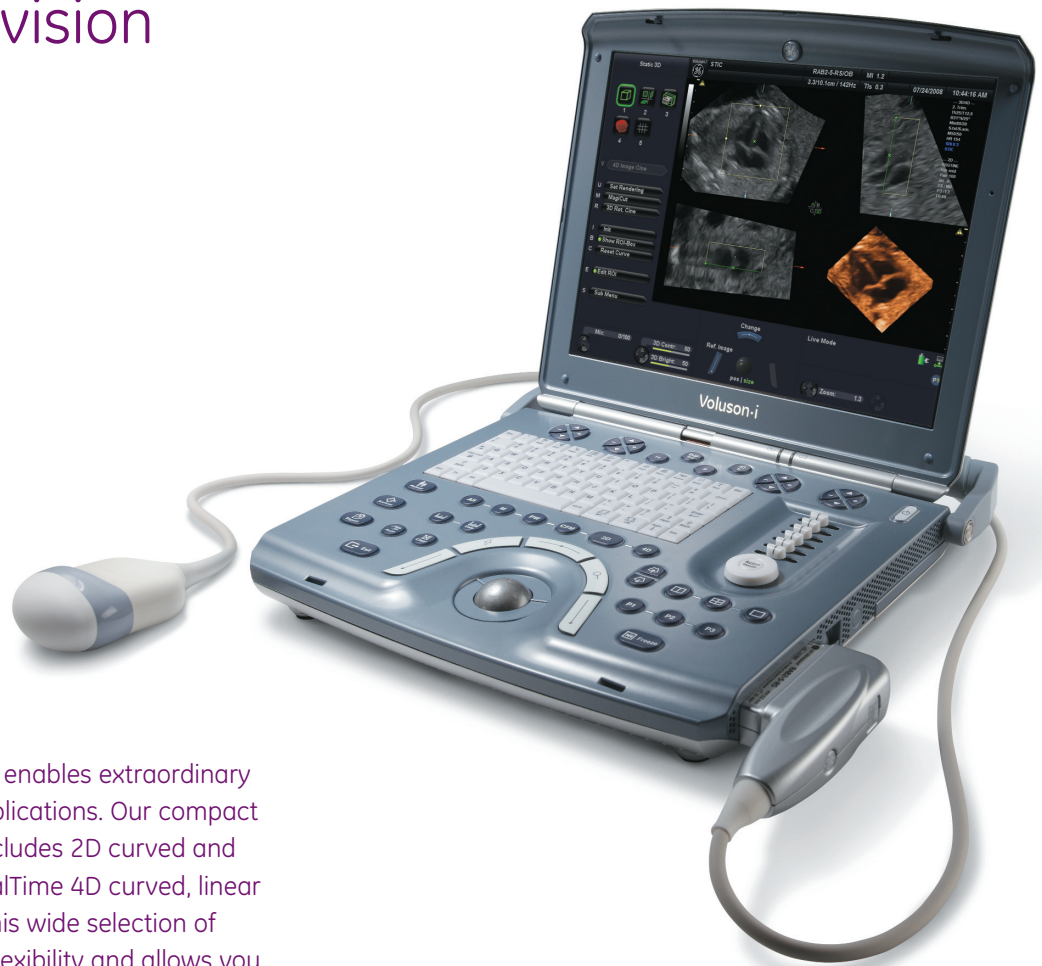


# Transducer Guide

Voluson *i* and Voluson *e*  
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 deliver excellent image quality.





9L-RS H40442LL



4C-RS H4000SR



E8C-RS H40402LN



RAB2-5-RS H46701NA



RIC5-9W-RS H48661EF



Description	Applications	Footprint	Bandwidth	FOV	Availability
<b>Small parts - 2D</b>					
Wide band, multi-frequency linear transducer	Small Parts, Peripheral Vascular, Pediatrics	47.2 x 13.8 mm	4 - 12 MHz	37 mm	Voluson <i>i</i> Voluson <i>e</i>
Wide band, multi-frequency linear transducer	Small-Parts, Peripheral Vascular, Pediatrics, Orthopedics	53.1 x 13.8 mm	3 - 8 MHz	43 mm	Voluson <i>i</i>
Wide band, multi-frequency linear transducer	Small Parts, Peripheral Vascular, Pediatrics, Orthopedics	43.4 x 12.7 mm	7 - 18 MHz	33.7 mm	Voluson <i>i</i>
<b>Abdominal - 2D</b>					
Wide band convex, curved array transducer	Abdomen, OB/GYN, Urology, Peripheral Vascular, Pediatrics	18.3 x 68.7 mm	2 - 5 MHz	58°	Voluson <i>i</i> Voluson <i>e</i>
Wide band convex, curved array transducer	Abdomen, OB/GYN, Urology, Peripheral Vascular, Pediatrics	58.9 x 23.4 mm	2 - 8 MHz	80°	Voluson <i>i</i> Voluson <i>e</i>
<b>Endocavity - 2D</b>					
Broad bandwidth, Micro-convex endocavitary transducer	OB/GYN, Urology	22.1 x 10.7 mm	4 - 10 MHz	123°	Voluson <i>i</i> Voluson <i>e</i>
<b>Real-time 4D Micro Convex</b>					
Next generation RealTime 4D Micro-convex transducer, small footprint and hi-flex cabling well-suited for pediatrics	Abdomen, Small Parts, OB, Pediatrics	26.7 x 22.9 mm	3 - 9 MHz	117°, V 117° x 90°	Voluson <i>i</i>
<b>Real-time 4D Abdominal</b>					
RealTime 4D transducer for general imaging and the technically difficult OB patient	Abdomen, OB/GYN, Urology, Pediatrics, Orthopedics	63.6 x 38.9 mm	1 - 4 MHz	80°, V 85° x 80°	Voluson <i>i</i>
RealTime 4D convex transducer for OB applications	Abdomen, OB/GYN, Urology, Pediatrics, Orthopedics	63.6 x 37.8 mm	2 - 8 MHz	70°, V 85° x 70°	Voluson <i>i</i>
<b>Real Time 4D Endocavity</b>					
Next generation RealTime 4D Micro-convex endocavitary transducer, with wide FOV, for GYN and first trimester imaging	OB/GYN, Urology	22.4 x 22.6 mm	4 - 9 MHz	146°, V 146° x 120°	Voluson <i>i</i> Voluson <i>e</i>
<b>Real Time 4D Small Parts</b>					
RealTime 4D linear transducer, breast and small parts imaging	Small Parts, Urology, Vascular, Pediatrics, Breast, Orthopedics	48.6 x 55.9 mm	6 - 18 MHz	37, 4 mm, V 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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imagination at work