GE Healthcare

Transducer guide

Voluson 730
Extraordinary vision

Innovative transducer technology from GE Healthcare enables extraordinary vision so that you can see more in a broad range of clinical applications.

Our 2D offerings include curved, linear, phased array and matrix array technologies for applications including OB/GYN, general imaging, cardiac, pediatrics, peripheral vascular and small parts.

We also have a wide selection of lightweight Volume transducers to enable you to utilize Volume Ultrasound in any application: transabdominal transducers for general imaging and OB/GYN endocavitary transducers for vaginal and rectal exams, linear transducer for small parts & vascular applications and micro-convex transducer for pediatrics and first trimester obstetrics.

You can rely on Voluson® 730 transducers to deliver uncompromised image quality.

	Description	Applications	Footprint	Bandwidth	FOV	Availability
	Small parts - 2D					
 SP4-10 H46701A	Multi-frequency linear transducer well suited for deep peripheral vascular imaging.	Peripheral Vascular, Small Parts, Pediatrics, Orthopedics	47 x 7 mm	3 – 8 MHz	46 mm	Expert PRO PRO V
 SP6-12 H46701B	Multi-frequency linear transducer for superficial small parts imaging such as breast.	Small Parts, Peripheral Vascular, Pediatrics, Orthopedics	38 x 4 mm	3 – 11 MHz	37.4 mm	Expert PRO PRO V
 SP10-16 H46701C	Multi-frequency linear transducer with ultra high frequency detail, beneficial for musculoskeletal, breast and superficial imaging.	Small Parts, Peripheral Vascular, Pediatrics, Orthopedics	35 x 3 mm	5-17MHz	33.7 mm	Expert PRO PRO V
 M12L-H H40412LR	Wide-band linear 1.25D matrix array transducer beneficial for small parts imaging such as breast.	Small Parts, Pediatrics, Peripheral Vascular, Orthopedics	38 x 6 mm	5 – 13 MHz	37.4 mm	Expert
	Abdominal - 2D					
 AC2-5 H46701U	Multi-frequency convex transducer for the technically difficult patient.	Abdomen, OB/GYN	48 x 13 mm	2 – 5 MHz	60°	Expert PRO PRO V
 AB2-7 H46701T	Multi-frequency convex transducer for the easy to average patient habitus.	OB/GYN, Abdomen, Urology, Pediatrics	60 x 13 mm	2 –7 MHz	80°	Expert PRO PRO V
 4C-A H46701AA	Multi-frequency convex transducer for the technically difficult patient.	Abdomen, OB/GYN	61 x 13 mm	1 – 5 MHz	58°	Expert PRO PRO V
 M7C-H H40412LS	Wide-band convex 1.25D matrix array transducer for the easy to average patient.	Abdomen, OB/GYN, Pediatrics	53 x 15 mm	3 – 8 MHz	60°	Expert

	Description	Applications	Footprint	Bandwidth	FOV	Availability
	Phased Array - 2D					
 PA2-5P H46701V	Multi-frequency sector transducer for cardiac, adult TCD and abdominal intercostal imaging.	Cardiac, Neurology, Pediatrics, Abdomen, OB	19 x 12 mm	1 - 3 MHz	90°	Expert PRO PRO V
 PA6-8 H46701J	Multi-frequency sector transducer for pediatrics, cardiac, abdominal and neurosonology.	Pediatrics, Cardiac, Abdomen	14 x 6 mm	4 –10 MHz	89°	Expert PRO PRO V
	Endocavity - 2D					
 IC5-9H H40422LL	Broad spectrum micro-convex endocavitary transducer.	OB/GYN, Urology	27 x 6 mm	4 – 9 MHz	146°	Expert PRO PRO V
	Real-time 4D Abdominal					
 RAB2-5L H48621X	Micro 4D convex is a RealTime 4D transducer for general imaging and the technically difficult OB patient.	Abdomen, OB/GYN	62 x 45 mm	1 –5 MHz	80° Volume 85° x 80°	Expert PRO
 RAB4-8L H48621Z	Micro 4D convex is a RealTime 4D transducer with excellent resolution that is beneficial for an OB practice.	OB/GYN, Abdomen, Pediatrics	55 x 43 mm	2 –8 MHz	70° Volume 85° x 70°	Expert PRO PRO V
	Real-time 4D Micro Convex					
 RNA5-9 H48651DB	Next generation RealTime 4D micro-convex transducer. Small footprint and hi-flex cabling is well-suited for pediatric imaging.	Pediatrics, Small Parts, Cardiac, Abdomen, OB	29 x 32 mm	3 – 9 MHz	120° Volume 120° x 90°	Expert PRO
	Real Time 4D Small Parts					
 RSP6-16 H46701AB	RealTime 4D linear transducer that is excellent for breast and small parts imaging.	Small Parts, Peripheral Vascular, Pediatrics, Orthopedics	38 x 44 mm	6 – 18 MHz	Volume 37.4 mm x 29°	Expert PRO PRO V

	Description	Applications	Footprint	Bandwidth	FOV	Availability
	Real Time 4D Endocavity					
 RIC-5-9-W H48661HJ	Next generation RealTime 4D endocavitary transducer that is beneficial for GYN and OB imaging.	Abdomen, OB/GYN	26 x 28 mm	4 – 9 MHz	146º Volume 146º x 120º	Expert PRO PRO V
 RRE6-10 H46701S	RealTime 4D side-fire micro-convex endocavitary transducer. Smaller footprint makes this beneficial for urology applications.	Urology, GYN	30 x 33 mm	4 – 9 MHz	146º Volume 146º x 135º	Expert

Note: 2 MHz and 4 MHz non-imaging CW transducers are also available.
Most transducers have biopsy kits available for purchase. Please contact your GE sales representative for more information.

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imagination at work

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