

Transducer Guide

LOGIQ™ S7

This versatile assortment of E-Series transducers helps you acquire excellent images for a wide variety of exam types.



Acoustic Amplifier Technology helps achieve high sensitivity by recycling the unused acoustic energy that previously passed through the transducer crystal.








Single Crystal Technology uses advanced ceramic materials to increase bandwidth, offering better signal to noise and improved axial resolution and penetration.¹

Matrix Array Technology uses multiple rows of crystals to help achieve uniform resolution throughout the field of view.

Advanced Ergonomic Design features lightweight polymers and light, flexible cables for ease of movement. Transducers are specifically shaped and include ridges to help promote proper grip and comfortable scanning.



	Description	Applications	FOV	Frequency Range†	Biopsy Guide
Sector					
	Broad-spectrum sector transducer	Cardiac, Transcranial, Abdomen	120°	1.6 – 5.5 MHz	Multi-Angle, reusable bracket (H46222LE)
	Broad-spectrum sector transducer	Cardiac, Transcranial	120°	1.4 – 4 MHz	Multi-Angle, reusable bracket (H46222LE)
	Broad-spectrum sector transducer	Pediatrics, Neonatal	90°	3.6 – 10 MHz	No
	Broad-spectrum sector transducer	Cardiac, Pediatric Cardiac	90°	2.8 – 8 MHz	No
	TEE transducer	Cardiac	90°	2.8 – 8 MHz	No
Convex					
	Broad-spectrum convex transducer	Abdomen, OB/GYN, Urology	70°	1.8 – 5 MHz	Multi-Angle, disposable with a reusable bracket (H40432LE)
3D/4D					
	Convex volume transducer	Abdomen, OB/GYN	80°, 84° Volume	3.1 – 8 MHz	Single-Angle, disposal with reusable bracket (H48621Y), Single-Angle, reusable (H46701AE)
	Micro-convex volume transducer	Obstetrics, Gynecology, Urology	146°	3.6 – 9 MHz	Single-Angle, reusable (H46721R), Single-Angle, disposable (H48681GF)
Micro-convex					
	Micro-convex transducer	Neonatal, Pediatrics	132°	3.6 – 10 MHz	No
	Broad-spectrum micro-convex transducer	Neonatal, Pediatrics, Vascular	102°	4 – 10 MHz	No
	Broad-spectrum micro-convex intra-cavitary transducer	OB/GYN, Urology, Endocavity	150°	3.6 – 9 MHz	Single-Angle, disposable with a disposable bracket (E8385MJ) or reusable bracket (H40412LN)
	Wideband bi-plane micro-convex transducer	Urology, Endocavity	133°	4 – 10 MHz	Single-Angle, reuseable (E8387MA, disposable (8387M)
	Micro-convex biopsy transducer	Abdomen, Urology, Vascular	80°	2.1 – 4.4 MHz	Single-Angle, disposable with a reusable bracket (40442LR), Multi-Angle with a reusable bracket (H40452LP)

Description	Applications	FOV	Frequency Range [†]	Biopsy Guide
Linear				
 9L-D H40442LM	Vascular, Small Parts, Pediatrics, Abdomen	44 mm	3.1 – 10 MHz	Multi-Angle, disposable with a reusable bracket (H4906BK)
 L3-12-D H42742LE	Vascular, Small Parts, Pediatrics, Abdomen	51.2 mm	3.6 – 12 MHz	Multi-Angle, disposable with a reusable bracket (H48032AA)
 11L-D H40432LN	Small Parts, Vascular	38 mm	4.2 – 12 MHz	Multi-Angle, disposable with a reusable bracket (H40432LC)
 ML6-15 H40452LY	Small Parts, Vascular, Neonatal, Pediatrics	50 mm	5 – 15 MHz	Multi-Angle, disposable with a reusable bracket (H40432LK)
 L8-18I-D H40452LL	Small Parts, Vascular	25 mm	5 – 18 MHz	No
Specialty				
 P2D	Cardiac, Vascular		2 MHz	
 P6D	Cardiac, Vascular		6 MHz	

For transducer care and cleaning information, visit www.gehealthcare.com/transducers

Note:

[†] Frequency range: highest/lowest selectable operating frequency on console.

^{††} 6Tc-RS requires transducer connectivity adaptor H46352LK.

¹ As compared to prior GE technology.

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