

Vivid 7 cardiovascular ultrasound

Transducer guide

Knowledge is acquired.

Acquired with innovative, state-of-the-art transducers that accurately and reliably gather the ultrasound data you need to make informed patient care decisions.

Designed to address all your cardiovascular ultrasound needs, the Vivid™ 7 Dimension helps you assess cardiac function and performance more effectively with transducers that produce leadership quality images for adult cardiac and pediatric applications, penetrating even difficult-to-image patients.

And, the Vivid 7 migrates leadership technology to extend your imaging capabilities from cardiac to all your shared service applications.









Vivid 7 linear array transducers give you powerful diagnostic capabilities for vascular applications.

Our lightweight and watertight transesophageal transducers are ergonomically designed for easy, accurate positioning. And our abdominal and OB/GYN transducers broaden your shared service capabilities.









Get the answers you need to make confident diagnostic decisions. Probe more, with our wide array of transducers.






Call 800-422-3547 For More Information

	Applications	Description	Footprint	Bandwidth	Field of View	Product
 3V H4900PC	Adult Cardiac	Multi-purpose cardiac 4D volume transducer offering bi-plane and tri-plane imaging, full volume 4D real-time, full volume and real-time 4D color flow, 4D rendering, 2D imaging with harmonics, M-mode, color Doppler, PW and CW, TVI, Tissue Tracking, TSI, strain rate, strain and contrast imaging	21 X 26 mm	1.5-4.0 MHz	90°	Vivid 7 Dimension
 M4S H4000PA	Adult Cardiac	Matrix array cardiac transducer offering 2D, harmonics, M-mode, color Doppler, PW, CW, TVI, Tissue Tracking, TSI, strain rate, strain and contrast imaging	20 x 28 mm	1.5-4.0 MHz	90°	Vivid 7 Dimension
 3S H4701SZ	Adult Cardiac	Cardiac transducer features 2D/ harmonics/M-mode/color Doppler/ PW and CW Doppler, TVI and contrast imaging	20 x 28 mm	1.5-3.6 MHz	90°	Vivid 7 Pro
 5S H40422LA	Pediatric Cardiac	Pediatric cardiac transducer offering 2D, harmonics, M-mode, color Doppler, PW and CW Doppler, TVI, Tissue Tracking, strain rate, strain, TSI and contrast imaging	18 x 24 mm	2.5-5.0 MHz	90°	Vivid 7 Dimension Vivid 7 Pro
 7S H40422LB	Pediatric and Neonatal Cardiac	Pediatric cardiac transducer offering 2D, harmonics, M-mode, color Doppler, PW and CW Doppler, TVI, Tissue Tracking, strain rate, strain, TSI and contrast imaging	15 x 21 mm	3.0-9.0 MHz	90°	Vivid 7 Dimension Vivid 7 Pro
 10S H4901PC	Neonatal Cardiac	Neonatal cardiac transducer offering 2D, harmonics, M-mode, color Doppler, PW and CW Doppler, TVI, Tissue Tracking, strain rate, strain and contrast imaging	10 x 14 mm	4.0-11.0 MHz	90°	Vivid 7 Dimension Vivid 7 Pro
 6T H45521DX	Adult Cardiac	Adult multi-plane/multi-frequency transesophageal transducer offering 2D, harmonics, color flow, PW and CW Doppler imaging	12 x 14 mm with length of 45 mm	3.0-7.0 MHz	90°	Vivid 7 Dimension Vivid 7 Pro
 9T H45521DY	Pediatric Cardiac	Pediatric multi-plane/multi-frequency transesophageal transducer offering 2D, harmonics, color flow, and PW and CW Doppler imaging	10.7 x 7.5 mm with length of 37.5 mm	4.0-10.0 MHz	90°	Vivid 7 Dimension Vivid 7 Pro

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 9L H40412LT	Peripheral Vascular, Orthopedics	Multi-frequency linear array transducer features speckle reduce, compound imaging, harmonics, color Doppler, BFI and PW Doppler imaging	14 x 52 mm	3.5-9.5 MHz	45 mm	Vivid 7 Dimension Vivid 7 Pro
 10L H40412LG	Peripheral Vascular, Small Parts, Orthopedics	Multi-frequency linear array transducer features speckle reduce, compound imaging, harmonics, color Doppler, BFI and PW Doppler	17 x 49 mm	4.0-10.0 MHz	39 mm	Vivid 7 Dimension Vivid 7 Pro
 12L H40412LH	Peripheral Vascular, Small Parts, Orthopedics	Multi-frequency linear array transducer features harmonics, speckle reduce, compound imaging, color Doppler, BFI and PW Doppler	17 x 49 mm	4.5-13.0 MHz	39 mm	Vivid 7 Dimension Vivid 7 Pro
 M12L H40412LD	Peripheral Vascular, Small Parts, Orthopedics	Multi-frequency matrix array linear transducer features harmonics, speckle reduce, compound imaging, color Doppler, BFI and PW Doppler	10 x 45 mm	5.5-14.0 MHz	39 mm	Vivid 7 Dimension
 4C H4904PC	Abdominal and OB/GYN	Multi-frequency and wide bandwidth convex transducer features speckle reduce, harmonics, color, BFI and PW Doppler	17 x 65 mm	1.5-5.0 MHz	58°	Vivid 7 Dimension Vivid 7 Pro
 M7C H40412LC	Pediatric Abdominal/ OB/GYN	Wide-band convex matrix array transducer for young and pediatric patients, offering gray-scale imaging, harmonics, color and PW Doppler imaging	18 x 55 mm	2.5-8.0 MHz	63°	Vivid 7 Dimension
 8C H40412LJ	Pediatric Abdominal/ OB/GYN	Micro-convex array transducer for small infants and pediatrics, offering gray-scale imaging, color and PW Doppler imaging	23 x 10 mm	3.5-11.5 MHz	128°	Vivid 7 Dimension Vivid 7 Pro
 5C H40412LA	Abdominal/ OB/Fetal Heart	Convex array transducer for renals, fetal heart, 1st and 2nd trimester OB imaging	17 x 58 mm	3.0-6.7 MHz	70°	Vivid 7 Dimension Vivid 7 Pro

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	Applications	Description	Footprint	Bandwidth	Field of View	Product
 E8C H40412LE	OB/GYN	Micro-convex endovaginal transducer offering gray-scale imaging, color and PW Doppler imaging	23 x 10 mm	3.5-11.0 MHz	128°	Vivid 7 Dimension Vivid 7 Pro
 i8L H45511NW	Intra-operative	Intraoperative transducer offering gray-scale imaging, harmonics, color and PW Doppler imaging for cardiac and small animals	44 x 16 mm	3.9-10.0 MHz	35 mm	Vivid 7 Dimension Vivid 7 Pro
 i13L H45511NT	Intra-operative	Intraoperative transducer offering gray-scale imaging, harmonics, color and PW Doppler imaging for cardiac and large animals	28 x 10 mm	5.3-14.0 MHz	20 mm	Vivid 7 Dimension Vivid 7 Pro



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