

Vivid T8 R 2.5 Cardiovascular Ultrasound

Transducer guide



Comprehensive cardiovascular scanning.

Vivid™ T8 features a wide range of applications that help increase the system's versatility. The system's transducers feature a miniaturized RS connector, that helps maximize ease of use and patient comfort. A lightweight transducer cable helps minimize strain for the user, facilitating transducer placement.

Cat #	Main Applications	Description	Footprint	Biopsy Guide	Scanner Frequency Range	Field of View	Depth of Field
Sector							
H45041DL	Adult Cardiac, Abdomen, Pediatric, Renal, Transcranial	Phased Array	18 x 24 mm	Multi-angle disposable, with a reusable bracket	1.3 - 4.0 MHz	120°	30 cm
H45021RP	Pediatric Cardiac, Neonatal Head, Fetal Heart, Abdomen	Phased Array	17 x 24 mm		2.0 - 8.0 MHz	120°	30 cm
H44901AB	Pediatric, Pediatric Abdomen, Coronary, Neonatal Head, Neonatal Abdomen, Carotid	Phased Array	13 x 18 mm		4.5 - 12.0 MHz	90°	20 cm
Transesophageal							
H45551ZE	Cardiac, Coronary	TEE	12 x 14 mm with length of 45 mm		3.0 - 8.0 MHz	90°	30 cm
H45531YM	Pediatric Cardiac	TEE	8 x 11 mm with length of 35 mm		4.0 - 10.0 MHz	90°	14 cm



Cat #	Main Applications	Description	Footprint	Biopsy Guide	Scanner Frequency Range	Field of View	Depth of Field
Linear							
 L6-12-RS	H48062AC	Carotid, Thyroid, LEA, LEV, UEA, UEV, Small Parts, Pediatric Abdominal, Peripheral Vascular, Musculoskeletal Conventional	Linear Array	11 x 47 mm	Multi-angle disposable, with a reuseable bracket	4.0 - 13.0 MHz	38 mm 16 cm
 9L-RS	H40442LL	Carotid, Thyroid, Breast, LEA, LEV, UEA, UEV, Musculoskeletal, Small Parts	Linear Array	14 x 53 mm	Multi angle, reusable bracket, disposable sleeve	3.0 - 10.0 MHz	44 mm 16 cm
 12L-RS	H40402LY	Carotid, Thyroid, Breast, LEA, LEV, UEA, UEV, Musculoskeletal, Small Parts	Linear Array	13 x 47 mm	Multi angle and out-of-plane; reusable bracket, disposable sleeve	4.0 - 13.0 MHz	38 mm 12 cm
Convex							
 4C-RS	H4000SR	Abdomen, Pediatric, OB, GYN, Renal, Prostate	Curved Array	18 x 66 mm	Multi-angle disposable, with a reuseable bracket	1.8 - 6.0 MHz	55° 33 cm
 8C-RS	H40402LS	Pediatric Abdominal, Neonatal Head, Peripheral Vascular	Curved Array	12 x 22 mm		3.5 - 11.0 MHz	128° 20 cm
Doppler							
 P2D	H45551CA	Cardiac	Pencil Probe	16 mm		1.9 MHz	
Special							
 E8C-RS	H40402LN	Fetal Echo, Follicle, GYN, OB, Prostate, Transvaginal, Transrectal	Endo Micro Convex	17 x 21 mm	Fixed-angle, disposable	3.5 - 11.0 MHz	128° 20 cm
Intraoperative							
 L8-18i-RS	H40462LF	Musculoskeletal, small parts, peripheral vascular	Linear Array Probe	11 x 35 mm		4.5 - 18.0 MHz	25 mm 10 cm

Transducers

	3Sc-RS	6S-RS	12S-RS	6Tc-RS	9T-RS	9L-RS	12L-RS	L6-12-RS	L8-18i-RS	4C-RS	8C-RS	E8C-RS	P2D
Modes	2D	■	■	■	■	■	■	■	■	■	■	■	■
	Harmonics	■	■	■	■	■	■	■	■	■	■	■	■
	M-Mode	■	■	■	■	■	■	■	■	■	■	■	■
	AMM	■	■	■	■	■	■	■	■	■	■	■	■
	Curved AMM ³	■	■	■	■	■	■	■	■	■	■	■	■
	Color	■	■	■	■	■	■	■	■	■	■	■	■
	Angio ²	■	■	■	□	□	■	■	■	■	■	■	■
	AdvVascular (B-Flow, BFI) ²	■	■	■	□	□	■	■	■	■	■	■	■
	PW Doppler	■	■	■	■	■	■	■	■	■	■	■	■
	CW Doppler	■	■	■	■	■	■	■	■	■	■	■	■
	TVI ¹	■	■	■	■	■	■	■	■	■	■	■	■
	Strain ^{1,3}	■	■	■	■	■	■	■	■	■	■	■	■
	Strain Rate ^{1,3}	■	■	■	■	■	■	■	■	■	■	■	■
	TSI ^{1,3}	■	■	■	■	■	■	■	■	■	■	■	■
	Tissue Tracking ^{1,3}	■	■	■	■	■	■	■	■	■	■	■	■
	AFI ^{1,3}	■	■	■	■	■	■	■	■	■	■	■	■
	Auto2DEF ¹	■	■	■	■	■	■	■	■	■	■	■	■
	IMT ³	■	■	■	■	■	■	■	■	■	■	■	■
	LOGIQ View ³	■	■	■	■	■	■	■	■	■	■	■	■
	LVO Contrast ^{1,3}	■	■	■	■	■	■	■	■	■	■	■	■
Q Analysis ³	■	■	■	■	■	■	■	■	■	■	■	■	
Smart Stress ¹	■	■	■	■	■	■	■	■	■	■	■	■	
Virtual Convex	■	■	■	■	■	■	■	■	■	■	■	■	
Presets	Abdominal	■	■	■	■	■	■	■	■	■	■	■	■
	Adult Cephalic	■	■	■	■	■	■	■	■	■	■	■	■
	Cardiac	■	■	■	■	■	■	■	■	■	■	■	■
	Fetal/Obstetrics	■	■	■	■	■	■	■	■	■	■	■	■
	Gyn	■	■	■	■	■	■	■	■	■	■	■	■
	Musculo-Skeletal	■	■	■	■	■	■	■	■	■	■	■	■
	Neonatal Cephalic	■	■	■	■	■	■	■	■	■	■	■	■
	Pediatrics	■	■	■	■	■	■	■	■	■	■	■	■
	Peripheral Vascular	■	■	■	■	■	■	■	■	■	■	■	■
	Small Organs	■	■	■	■	■	■	■	■	■	■	■	■
	Transvaginal	■	■	■	■	■	■	■	■	■	■	■	■
	Transrectal	■	■	■	■	■	■	■	■	■	■	■	■
	Urological	■	■	■	■	■	■	■	■	■	■	■	■

- Not supported on this probe
- Supported on this probe

¹Only for cardiac applications/preset

²Only for non-cardiac applications/preset

³Probe or feature not available for the Pro version

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Note: Some applications depend on the availability of certain options.
Note: Some of the probes, options or features described in this data sheet may NOT be available for sale in all countries.

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