

# Vivid *iq* Cardiovascular Ultrasound

## Probe guide

### **Comprehensive cardiovascular scanning.**

Vivid™ *iq* features a wide range of applications that help increase the system's versatility. The system's probes feature a miniaturized RS connector, that helps maximize ease of use and patient comfort. A lightweight probe cable helps minimize strain for the user, facilitating probe placement. There is also a D connector on the cart.



Cat #	Main Applications	Description	Footprint	Biopsy Guide	Scanner Frequency Range	Field of View	Depth of Field
<b>Sector</b>							
H45041DL	Cardiac, Pediatric, Abdominal, Fetal, Adult Cephalic	Phased Array	18 x 24 mm	Multi-angle disposable, with a reusable bracket	1.3 - 4.0 MHz	120°	30 cm
H44901AG	Cardiac, Pediatric, Abdominal, Fetal, Adult Cephalic	XDclear™ Active Matix Single Crystal Phased Array	18 x 27 mm	Multi-angle disposable, with a reusable bracket	1.5 - 4.6 MHz	120°	30 cm
H45021RP	Pediatric, Neonatal Head, Fetal, Abdomen	Phased Array	17 x 24 mm		2.0 - 7.0 MHz	120°	30 cm
H44901AB	Pediatric, Abdomen, Neonatal Head	Phased Array	13 x 18 mm		4.5 - 12.0 MHz	90°	14 cm



3Sc-RS



M5Sc-RS



6S-RS



12S-RS

Cat #	Main Applications	Description	Footprint	Biopsy Guide	Scanner Frequency Range	Field of View	Depth of Field	
<b>Transesophageal</b>								
 6Tc-RS	H45551ZE	Cardiac	TEE	12 x 14 mm with length of 45 mm		3.0 - 8.0 MHz	90°	30 cm
 6VT-D	H45581BJ	Cardiac	Active Matrix 4D Volume TEE	14 x 13 mm with length of 45 mm		3.0 - 8.0 MHz	90°	30 cm
 9T-RS	H45531YM	Pediatric Cardiac	TEE	11 x 8 mm with length of 35 mm		4.0 - 10.0 MHz	90°	14 cm
<b>Linear</b>								
 ML6-15-RS	H40462LM	Small Organs, Peripheral Vascular, Pediatrics, Neonatal Cephalic, Abdominal, Musculoskeletal	Wide Band Linear Transducer with Active Matrix Array Technology	61 x 16 mm	Multi-angle, reusable bracket, disposable sleeve	5.0 - 15.0 MHz	50 mm	10 cm
 9L-RS	H40442LM	Musculoskeletal, Small Organs, Peripheral Vascular, Abdominal, Pediatrics, Neonatal Cephalic	Linear Array	14 x 53 mm	Multi-angle, reusable bracket, disposable sleeve	3.0 - 10.0 MHz	44 mm	16 cm
 12L-RS	H40402LY	Musculoskeletal, Small Organs, Peripheral Vascular, Abdominal, Pediatrics, Neonatal Cephalic	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

Cat #	Main Applications	Description	Footprint	Biopsy Guide	Scanner Frequency Range	Field of View	Depth of Field
<b>Convex</b>							
H4000SR	Abdomen, Pediatric, GYN, Fetal/Obstetrics, Urological	Curved Array	18 x 66 mm	Multi-angle disposable, with a reusable bracket	1.5 - 5.0 MHz	55°	33 cm
H40402LS	Pediatric Abdomen, Neonatal Cephalic, Peripheral Vascular, Cardiac	Curved Array	12 x 22 mm		3.5 - 10.0 MHz	131°	14 cm
H40462LA	Abdomen, GYN, Fetal/Obstetrics, Pediatrics, Urological	Curved Array	17 x 69 mm	Multi-angle disposable, with a reusable bracket	1.5 - 5.0 MHz	65°	33 cm
<b>Doppler</b>							
H45551CA	Cardiac	Pencil Probe	16 mm		1.9 MHz		
<b>Special</b>							
H48062AF	Fetal, GYN, Transvaginal, Transrectal, Urological	Endo Curved Array	19 x 24 mm	Fixed-angle, disposable	3.5 - 10.0 MHz	168°	14 cm



4C-RS



8C-RS



C1-5-RS



P2D



E8Cs-RS



L8-18i-RS

Cat #	Main Applications	Description	Footprint	Biopsy Guide	Scanner Frequency Range	Field of View	Depth of Field
<b>Intraoperative</b>							
H40462LF	Peripheral Vascular, Small Organs, Musculoskeletal, Intraoperative	Linear IO Transducer	11 x 35 mm		4.5 - 18 MHz	25 mm	10 cm
<b>ICE</b>							
H45021YE							
Catheter Cable for ICE							
†	Intracardiac	Catheter	8 Fr diameter		4.5 - 11.5 MHz	90°	16 cm
AcuNav 8F <sup>*</sup>							
†	Intracardiac	Catheter	10 Fr diameter		4.5 - 11.5 MHz	90°	16 cm
AcuNav 10F <sup>*</sup>							
†	Intracardiac	Catheter	10 Fr diameter		4.5 - 11.5 MHz	90°	16 cm
SOUNDSTAR 10F <sup>*</sup>							
†	Intracardiac	Catheter	10 Fr diameter		4.5 - 11.5 MHz	90°	16 cm
SOUNDSTAR eco 10F G <sup>*</sup>							
†	Intracardiac	Catheter	8 Fr diameter		4.5 - 11.5 MHz	90°	16 cm
SOUNDSTAR eco 8F G <sup>*</sup>							

<sup>\*</sup>Distributed by Biosense Webster Inc.  
<sup>\*</sup>Not available in all countries. Please contact Biosense Webster directly.

## Transducers

	3Sc-RS	M5Sc-RS <sup>3</sup>	6S-RS	12S-RS	6Tc-RS	6VT-D <sup>3</sup>	9T-RS	9L-RS	12L-RS
2D	■	■	■	■	■	■	■	■	■
4D <sup>4</sup>	■	■	■	■	■	■	■	■	■
AdvQScan (Strain, SR, TSI) <sup>1,3</sup>	■	■	■	■	■	■	■	■	■
AdvVascular (B-Flow, BFI) <sup>2</sup>	■	■	■	■	■	■	■	■	■
AFI <sup>1,3</sup>	■	■	■	■	■	■	■	■	■
AMM	■	■	■	■	■	■	■	■	■
Angio <sup>2</sup>	■	■	■	■	■	■	■	■	■
Auto2DEF <sup>1</sup>	■	■	■	■	■	■	■	■	■
Biplane or Triplane <sup>3</sup>	■	■	■	■	■	■	■	■	■
Color	■	■	■	■	■	■	■	■	■
Curved AMM <sup>3</sup>	■	■	■	■	■	■	■	■	■
CW Doppler	■	■	■	■	■	■	■	■	■
Smart Stress <sup>1</sup>	■	■	■	■	■	■	■	■	■
Harmonics	■	■	■	■	■	■	■	■	■
IMT	■	■	■	■	■	■	■	■	■
LOGIQ View <sup>3</sup>	■	■	■	■	■	■	■	■	■
LVO Contrast <sup>1,3</sup>	■	■	■	■	■	■	■	■	■
M-Mode	■	■	■	■	■	■	■	■	■
PW Doppler	■	■	■	■	■	■	■	■	■
Q Analysis	■	■	■	■	■	■	■	■	■
Rodent	■	■	■	■	■	■	■	■	■
Tissue Tracking <sup>1</sup>	■	■	■	■	■	■	■	■	■
TVI <sup>1</sup>	■	■	■	■	■	■	■	■	■
Virtual Apex	■	■	■	■	■	■	■	■	■
Virtual Convex	■	■	■	■	■	■	■	■	■
Abdominal	■	■	■	■	■	■	■	■	■
Adult Cephalic	■	■	■	■	■	■	■	■	■
Cardiac	■	■	■	■	■	■	■	■	■
Fetal/Obstetrics	■	■	■	■	■	■	■	■	■
Gyn	■	■	■	■	■	■	■	■	■
Intracardiac	■	■	■	■	■	■	■	■	■
Intraoperative	■	■	■	■	■	■	■	■	■
Musculo-Skeletal	■	■	■	■	■	■	■	■	■
Neonatal Cephalic	■	■	■	■	■	■	■	■	■
Pediatrics	■	■	■	■	■	■	■	■	■
Peripheral Vascular	■	■	■	■	■	■	■	■	■
Small Organs	■	■	■	■	■	■	■	■	■
Transrectal	■	■	■	■	■	■	■	■	■
Transvaginal	■	■	■	■	■	■	■	■	■
Urological	■	■	■	■	■	■	■	■	■

Modes and Features

Presets

- Supported on this probe
- Not supported on this probe

<sup>1</sup> Only for cardiac applications/presets  
<sup>2</sup> Only for non-cardiac applications/presets  
<sup>3</sup> Probe or Feature only available for Premium and 4D configurations  
<sup>4</sup> Probe or Feature only available for 4D configuration

Transducers

	ML6-15-RS <sup>3</sup>	L8-18i-RS <sup>3</sup>	4C-RS	C1-5-RS <sup>3</sup>	8C-RS	E8Cs-RS	P2D	ICE*	
Modes and Features	2D								
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## About GE Healthcare

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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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