

Vivid T8 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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