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Vivid iq Premium System Package (a Vivid iq configuration)

The Vivid iq Premium System Package groups the following items into one offering:

- Vivid iq Premium System
- DICOM Connectivity Package
- AIUM booklet
- Vivid iq User Manual
- USA AC Power Cord
- ECG Cable Kit
- 3-year warranty
- 2 days of on-site application training.

The Vivid* iq Premium System combines the proven high performance of the Vivid product line with a new and innovative portable laptop design. The Vivid iq Premium System is a comprehensive digital cardiovascular and shared service ultrasound system, with support for the following 2D clinical applications: cardiac, transesophageal, intraoperative, peripheral vascular, adult cephalic, neonatal cephalic, musculoskeletal conventional, musculoskeletal superficial, transcranial and transvaginal applications.

System Architecture

GE's exclusive, patented, beamforming technology provides the power for this multi-purpose ultrasound system. Using both coherent and harmonic image processing, the system provides computational power, ease of use for imaging and analysis, and workflow flexibility. The Vivid iq Premium System excels in the following areas:

Exceptional image quality on the Vivid iq Premium System is created through the use of Ultra Definition Clarity filtering, HD Imaging (balanced resolution, penetration and image uniformity), coded harmonics, elevation compound imaging (considering a wider slice for 2D imaging with the 6VT probe) and virtual apex (wide field of view). XDclear* probes are designed to help deliver

powerful and efficient sound waves, with high bandwidth and efficiency. XDclear probe technology provides impressive deep penetration and high sensitivity while maintaining high spatial resolution. Single Crystal, Acoustic Amplifier and Cool Stack technologies form the core technology of the XDclear series of probes.

Ease of use features make Vivid iq Premium System an extremely productive cardiovascular ultrasound system. The combination of the full touch screen control with a conventional user control panel provides intuitive controls, helping the operator maintain focus on the patient and the ultrasound images during the exam. Auto optimization technology assists the operator in obtaining excellent image quality with minimal manipulation of controls. Automated tools such as 2D Auto EF, (purchasable option) AFI Productivity Package (purchasable option) and Scan Assist Pro also enhance operator ease of use.

Ergonomic features include continuous viewing angle adjustment for the LCD monitor and innovative TrackPad design to provide efficient, intuitive user input. Innovative cart design provides continuous height adjustment for standing or sitting use, easy System lock/unlock from cart, a multi-probe connection port (purchasable option) and a charging station for multiple batteries (purchasable option). The Vivid iq cart is a purchasable option.

Portability – The Vivid iq Premium System is ultraportable, enabling easy transportation, promoting scanning at the patient site. Battery operation extends scanning time without an AC power supply and provides quick boot-up time from standby mode.

The Vivid iq Premium System uses raw data format technology that allows for advanced processing on archived images by applying many of the same scan controls and advanced quantitative tools available during the original exam. An optional upgrade package can be purchased to upgrade the Vivid iq Premium System to a Vivid iq 4D System.

The Vivid iq Premium System Package includes: - Vivid iq Premium System

- DICOM** Connectivity Package
- AIUM booklet

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- Vivid iq User Manual
 - USA AC Power Cord
 - ECG Cable Kit
 - 3-year warranty
 - 2 days of on-site application training.
 - 15.6" wide screen high resolution LCD monitor
 - Scan Assist Pro
 - EchoPAC*/Patient Archive
 - Report/Report Designer/Statement Engine/Normal Values/E-Sign-off Communication
 - AMM
 - CAMM
 - Logiq View
 - Advanced Vascular(BFlow, BFI, Angio)
 - TVI/TT
 - Tissue Tracking
 - IMT
 - ATO
 - ASO
 - Compound
 - Write Zoom
 - Virtual Apex
 - Virtual convex
 - UD Clarity/Speckle Red.
 - TEE interface
 - DICOM** Media

The following software options can be purchased for the Vivid iq Premium System:

- 6VT Multiplane (purchasable option)
- Embedded DICOM viewer on media (purchasable option)
- eVUE/MPegVue (purchasable option)
- Advanced QScan (purchasable option)

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- Q-Analysis (purchasable option)
 - AFI Productivity Package (AFI, AFI w/TEE, Mechanical Dispersion) (purchasable option)
 - Smart Stress (purchasable option)
 - 2D Auto EF (purchasable option)
 - LVO Contrast (purchasable option)
 - Rodent (purchasable option)

Vivid iq Premium and Vivid iq 4D are configurations of the Vivid iq system.

The Vivid iq has a 3 year warranty with the exception of the following items that have a 1 year warranty:

- Transducers: 6VT-D, 6Tc-RS, 9T-D
- ICECord Connector
- Batteries (internal & external)
- TEE cleaning & storage system
- Printers

Warranty includes (i) repair at GE Healthcare facilities, (ii) 3 business day turnaround repair for Products shipped via overnight delivery (where available), measured from shipment date (GE Healthcare is not responsible for delays in overnight shipment), (iii) 72-hour loaner unit or probe replacement service via FedEx, and (iv) phone support from 7am-7pm Central Time, Monday-Friday, excluding GE Healthcare holidays. For an additional charge, GE Healthcare may provide field support/service, planned maintenance, and/or coverage for damage due to accidental dropping or mishandling with a maximum of 2 replacement systems during warranty.

*Trademark of General Electric Company

**DICOM is the registered trademark of the National Electrical Manufacturers Association for its standards publications relating to digital communications of medical information.

Third party trademarks are the property of their respective owners

Enables support for DICOM** functionality via network connection (Image Storage, Storage Commit, Modality Worklist, MPPS, DICOM Print, Structured Reporting, Query/Retrieve). Note that DICOM Media support is part of basic system configuration and is provided without this option.

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ICE Probe Interface

This option available for Vivid* iq Premium System and Vivid iq 4D System only.

The ICE Probe Interface provides support for ICE catheters. This option is required to be on the Vivid iq Premium or the Vivid iq 4D system if operating with the ICECord-RS probe adapter.

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Vivid iq Premium and Vivid iq 4D are configurations of the Vivid iq system.

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HDMI TO S-VIDEO ADAPTOR

HDMI zu SVHS-Adapter für Vivid iq

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Isolated VGA Splitter

Via this splitter Vivid i and Vivid q can be interfaced in parallel to the Carto™ XP or the Carto™ 3 and to the CardioLab™ or ComboLab™, allowing the operator to use both systems during the same patient's examination.

In addition this splitter allows generally save Video connections, independent of the electrical safety of the connected video system.

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External ECG Cable

ECG Cable to External ECG System

7 1

Vivid iq Deluxe Cart Package

The Vivid* iq Deluxe Cart Package groups the following items into

a convenient offering:

- Vivid iq cart with 3 USB ports, 6 probe holders, 4 probe cable hooks, 3 convenience baskets
- Power cord
- P2D probe holder
- Charge box with three batteries.
- Multi-probe box, accommodating three RS connectors and one DLP connector. The DLP connector is required to support the 6VT-D 4D TEE probe.

The Vivid iq cart is lightweight and ergonomically designed to provide added portability and utility to the Vivid iq System.

9	1	<p>Vivid iq Premium USA</p> <p>9L-RS Linear Array Transducer</p> <p>Wide band multi-frequency transducer with bandwidth between 3.0 and 10.0 MHz. Applications include: Vascular, breast, thyroid, musculoskeletal and other small parts.</p>
10	1	<p>M5Sc-RS XDclear* Probe</p> <p>XDclear is GE's highest performing transducer technology which is an innovative combination of advanced materials and innovative acoustic design. This phased array cardiac transducer merges matrix array with XDclear technology and provides ultra-wide bandwidth and superb image quality. Preferred applications may vary depending on the scanner running the probe, and may include cardiac, pediatrics, fetal heart, abdominal, coronary, transcranial, contrast, stress echo.</p>