1   1   LOGIQ E9 XDclear 2.0 Console for U.S.A.

Through the combination of extraordinary images, easy workflow and expert tools, the LOGIQ E9 XDclear 2.0 provides the latest GE technology to help enhance diagnostic confidence and workflow efficiency every day in a variety of challenging exams. Innovative features: Agile Acoustic Architecture with flexible clinically based mathematical models of the body for enhanced image quality and XDclear transducer technology capabilities. The LOGIQ E9 XDclear 2.0 also includes: B-flow technology to help visualize real-time hemodynamic flow and vessel wall definition; Compare Assistant, a workflow enhancement tool that enables easy side by side comparison of previous ultrasound or other modality images with a live ultrasound image; Scan Assistant procedure automation program that intuitively assists the user with customizable system functions at each step of the study to streamline productivity, enhance consistency and reduce keystrokes; LOGIQVIEW an integrated, extended field of view B-mode imaging with measurement capability; LOGIQ E9 Wireless Version 3 an integrated wireless capability allows for wireless DICOM transfer within a 802.11ac/a/b/g/n wireless network - includes support for Enterprise authentication; and B-Steer+ which can be used for B mode steering image to help improve needle visualization/reflectivity. Also included: CrossXBeam (spatial compounding), SRI HD (Speckle Reduction Imaging in High Definition) with Organ Specific Imaging, and Coded Harmonics. Productivity can be enhanced through many features such as Raw Data for post-processing of images, Automatic Optimization, Virtual Convex, and Advanced 3D (w/ multiplanar displays). Advanced ergonomics including 22 wide screen high resolution OLED display (1920 x 1080) with articulating arm, motorized adjustable console, 10.4 inch color LED touch screen, four active transducer ports with patented cable hook. Scanning modes include B-Mode, M-Mode, Color Flow, Pulsed Wave, and Power Doppler. Other system features include: Windows** Embedded Standard 7 operating platform, 776 MB cine memory, 500GB internal hard drive, DVD-R, image archive, built-in gel warmer, user footrest, integrated on-board

black and white printer bay, and user programmable model parameters. Includes comprehensive software annotation, calculations, and worksheets supporting obstetrical, gynecological, vascular and general imaging applications. Includes a DICOM*** software package providing Verify, Print, Store, Multiframe, Modality Worklist, MPPS (Modality Performed Procedure Step), Storage Commitment, Media Exchange and Enhanced US Volume Storage. Additionally, supports Query/Retrieve and Structured Reporting. Does not include network hardware, which may be required. Includes initial installation and connection to customer network. Includes one-year warranty and three days of On-site Applications Training. Additional On-site Applications Training days are available for purchase. Training must be completed within six (6) months after Product delivery, otherwise GE Healthcare's obligation to provide the training will expire without refund. Participating in advanced technology training at the GE Healthcare Education Center in Metro Milwaukee can be purchased separately. Customer workflow permitting and abiding by SDMS criteria, sonographer install CE's may be provided during install training. *Trademark of General Electric Company. **Third party trademarks are the property of their respective owners. *** DICOM is the registered trademark of the National Electrical Manufacturers Association for its standard publications relating to digital communications of medical information.

2	1	S1-5-D sector Transducer

Broad-spectrum sector transducer. Applications: abdominal, obstetrics, and gynecological. Biopsy kit available.

3	1	ML6-15-D Matrix Linear Array Transducer

Matrix array broad-spectrum linear transducer. Applications include: small parts, vascular, pediatrics, neonatal, breast, thyroid, scrotal. Biopsy kit available.

4	1	9L-D Linear Probe

Broad-spectrum linear probe. Applications include: vascular, small parts, pediatric, and abdomen. Biopsy kit available.

5	1	L8-18i-D Linear Probe

Broad-spectrum linear probe. Preferred applications: musculoskeletal, small parts, vascular, intraoperative.

6	6	IC5-9-D Micro-convex Intracavitary Probe

Broad-spectrum micro-convex intracavitary probe. Applications include: obstetrics, gynecological, and urological. Biopsy kit available.

7	1	C1-6-D XDclear Probe

XDclear is GE's highest performing transducer technology which is a proprietary combination of advanced materials and innovative acoustic design. Convex transducer with XDclear technology helps achieve impressive depth on patients with difficult body habitus.   Applications: abdominal, obstetrics, gynecological, urology, and vascular. Biopsy kit available.

8	1	C2-9-D XDclear Transducer

XDclear is GE's highest performing transducer technology which is a proprietary combination of advanced materials and innovative acoustic design. Convex transducer with XDclear technology provides ultra-wide bandwidth and superb image quality.   Applications: abdominal, obstetrics, gynecological, urology, vascular, pediatrics. Biopsy kit available.

9	1	RAB6-D Ultra-light 4-8.5 MHz Real Time 4D Convex Transducer

Ultra-Light transducer for Abdomen, OB/GYN and Pediatric Applications. Multi-Frequency 4-8.5 MHz B FOV 70 degrees. Volume FOV 85x70 degrees. Footprint 53.2 x 40.6 mm. Biopsy Kit Available ONLY on Voluson products.

10	1	Auto IMT

Automated measurement of IMT allows for both near and far wall measurements and user programmable off set point in vascular applications.

11	1	LOGIQ E9 Thyroid Productivity Package

Thyroid-specific measurement package that easily enables labeling, measuring and describing nodules, lymph nodes and parathyroids. Also organizes multiple measurements into a convenient worksheet and sends results via DICOM SR.

12	LOGIQ E9 Advanced Elastography Package (Shear Wave and Strain)

Shear Wave elastography offers clinicians an advanced level of diagnostic information for the evaluation of tissue stiffness. With Shear Wave elastography, the LOGIQ* E9 ultrasound system uses a focused burst of acoustic energy from the transducer to generate Shear Waves to produce quantitative measurements and a 2-D color coded elastogram. Easy Workflow tools include auto measurement sequencing of Shear Wave image frames, ability to display measurements in kPa or meters per sec, user-programmable Shear Wave maps, single or dual view display and summary measurement worksheet. Supported on C1-6-D, C1-6VN-D and 9L-D transducers. Strain Elastography Imaging using manual compression method for multiple applications. On-screen quality indicator included. Available on ML6-15-D, 9L-D, IC5-9-D, C1-5-D, C1-6-D, C1-6VN-D, C2-9-D C2-9VN-D transducers. *Trademark of General Electric Company.

13	LOGIQ E9 Automated Real-time 3D/4D Volume Imaging Package

The LOGIQ* E9 Real-time 3D/4D Automated Volume Imaging package combines all the volume ultrasound Imaging capabilities into one convenient bundle.   In conjunction with the 4D Automated volume probes this Volume Ultrasound package includes the following features at a promotional price:

Real-time 3D/4D - this option provides an automatic volume acquisition in real-time. The acquired volume data can be displayed in multiple planes (A-, B- and C-plane), as a volume dataset, rendered image or as a combination of both. Viewing angle, rendering modes and size of the volume are user adjustable.

Two rendering modes (i.e., Surface, Surface Soft / Light, Transparent, Minimum, Maximum) can be combined in real-time with freely adjustable weighting.

Due to the geometrically accurate automated volume acquisition, the same measurements and calculations can be performed as on a 'standard' 2D image

With GE's unique Raw Data storage, the acquired volume data set can be stored, re-called and re-processed by applying 'live scanning controls' at any time.

The integrated Inversion Mode displays hypo-echoic structures (like vessels, cysts, etc.) bright and with smooth borders.

Static 3D Color provides a 3D view of vascular structures. With 'Glass Body Rendering', 3D Color Flow and transparent B-Mode tissue information can be combined.

(TUI) Tomographic Ultrasound Imaging enables volume data to be viewed in multiple slices and multiple planes, much like CT and MR, by using multiple simultaneous slices of a volume data set acquired with an automated volume transducer, helping to reduce probe time, while helping to improve throughput and diagnostic confidence.

Volume Review offers the ability to review the automated 3D/4D probe acquisition and store this data as a DICOM** Multi-Frame (Cine Clip).

VCI or Volume Contrast Imaging offers the ability to Render Thick or Thin Rendered slices of volume data in multiple planes (A, B and C), essentially changing pixel data to voxel data which helps to improve boarder definition and contrast resolution of any anatomy or pathology imaged with the automated 3D/4D volume probe(s).

This Package includes an extra (1) day of On-site Applications Training.   Additional On-site Applications Training days are available for purchase.

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14	1	USB Foot Switch-3 Buttons

This is a three pedal footswitch with configurable button functionality at application level, providing the user with flexibility

during procedures like stress echo requiring additional hand support.

15	5	On-Site Application Day
		One day of On-Site Applications training.