

PO# 659-B50032

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## LOGIQ E9 R5 with XDclear and Scan Assistant Package

LOGIQ E9 R5 with XDclear console includes Scan Assistant plus \$10,000 off console list price. Through the combination of extraordinary images, easy workflow and expert tools, the LOGIQ E9 with XDclear 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. Includes B-Flow \* technology to help visualize real-time hemodynamic flow and vessel wall definition and 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. 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 19 inch color flat panel monitor (1280x1024) with articulating arm, motorized adjustable console, 10.4 inch color LCD 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.

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#### C1-6-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 helps achieve impressive depth on patients with difficult body habitus. Applications: abdominal, obstetrics, gynecological, urology, and vascular. Biopsy kit available.

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#### 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.

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#### IC5-9-D Micro-convex Intracavitary Transducer

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

5	1	<p>9L-D Linear Transducer</p> <p>Broad-spectrum linear transducer. Applications include: vascular, small parts, pediatric, and abdomen. Biopsy kit available.</p>
6	1	<p>ML6-15-D Matrix Linear Array Transducer</p> <p>Matrix array broad-spectrum linear transducer. Applications include: small parts, vascular, pediatrics, neonatal, breast, thyroid, scrotal. Biopsy kit available.</p>
7	1	<p>L8-18i-D Linear Transducer</p> <p>Broad-spectrum linear transducer. Preferred applications: musculoskeletal, small parts, vascular, intraoperative.</p>
8	1	<p>LOGIQVIEW</p> <p>Integrated, extended field of view B-mode imaging with measurement capability. Available on all linear and convex transducers.</p>
9	1	<p>LOGIQ E9 Advanced Elastography Package (Shear Wave and Strain)</p> <p>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.</p>
10	1	<p>LOGIQ E9 Wireless version 2</p> <p>Integrated wireless capability allows for wireless DICOM transfer</p>

within a 802.11a/b/g/n wireless network - includes support for Enterprise authentication.

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#### LOGIQ E9 Volume Navigation version 3

Sensor based technology, enabling fusion of real-time ultrasound images to a prior CT, PET/CT,MR, or Ultrasound DICOM volume data set. Also provides GPS markers for the ability to track anatomical landmarks from different scan planes and Tru3D capability for calibrated volume measurements. Supports cable free Volume Navigation scanning on the C1-6VN and C2-9VN transducers. Transducers and probe sensors sold separately. 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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#### LOGIQ E9 Volume Navigation External Probe Sensors

Required when using Volume Navigation with the following probes C1-6D (H4913NK), C2-9D (H4913NK), C1-5D (H40432LE), 3CRF (H40452LK), S1-5 (H4908SD), S4-10 (H4908NN), IC5-9D (H4908NF), 9L-D (H4908NB), ML6-15D (H40432LK), L8-18i (H4908NH), M5S (H4908NM). Volume Navigation brackets noted

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