ULTRASOUND SYSTEMS

PRODUCT OVERVIEW 2019

gehealthcare.com

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[3] ICE is available with Vivid iq and Vivid S60N/S70N

PARTNERS FOR BETTER HEALTH

At GE Healthcare, we are committed to helping increase access to healthcare while improving its quality and lowering its cost. Just like physicians everywhere. So by investing in new innovations, we are empowering the world's healthcare professionals to do what they do best: caring for patients around the world. Every day, doctors are helping to bring better health to more people — and GE Healthcare is working with them.

GENERAL IMAGING

Exceptional images.
Expert tools.
Versatile designs.
LOGIQ™ ultrasound systems help you care for patients across applications.

- **LOGIQ E10**
- **LOGIQ E9 XDclear 2.0**
- **LOGIQ S8 XDclear 2.0 +**
- **LOGIQ S8 XDclear**
- **LOGIQ S7 XDclear**
- **LOGIQ P9**
- **LOGIQ P7**
- *(See Point of Care)* **LOGIQ *e***

LOGIQ E10

Ultrasound imaging for Today, digital platform for Tomorrow.

The LOGIQ™ E10 is the new Next-Gen premium platform in the General Imaging portfolio. Leveraging the heritage of a long history in ultrasound, the LOGIQ E10 embraces digital transformation to deliver innovative solutions in any care area and empowers you to improve clinical, financial, and operational outcomes.

The LOGIQ E10 provides a new standard in imaging, advanced tools, and enhanced workflow ergonomics so you can scan, diagnose, and treat a wide range of patients across a broad spectrum of conditions.

Central to the new system is the cSound™ Architecture that combines versatile XDclear™ probes and the new cSound Imageformer to deliver exceptional image quality. Powered by an advanced graphics processing unit (GPU), the LOGIQ E10 acquires and reconstructs data with 48x the data throughput and 10x the processing power of our previous systems. There's no need to adjust the focus – the information you need is there, instantly. With the LOGIQ E10, you will see more detail, much faster than before.

The next-generation LOGIQ E10 system is leading a digital transformation in ultrasound. It is the 'A to A' platform, exploiting Awareness to deliver Assistance and improving imaging for patients from head to toe, no matter their age or body habitus. LOGIQ E10 is designed for you – so you can make confident diagnosis using comprehensive tools and achieve a new standard of concise workflow.

CONFIDENT DIAGNOSIS ACROSS A BROAD SPECTRUM OF CONDITIONS

- New cSound™ Imaging Architecture, combining XDclear™ probes and the new cSound Imageformer
- Extended portfolio of E-series and XDclear transducers, encompassing advanced technologies as Acoustic Amplifier, Single Crystal, Active Matrix Arrays and Cool Stack for an increased penetration and high frequency at depth. All with PinLess connectors to increase signal-to-noise ratio
- High definition OLED 22" Widescreen Display providing high contrast and deep blacks, extraordinarily vibrant colors, and excellent image quality even when viewing the monitor off-axis.

COMPREHENSIVE TOOLS FOR COMPLEX QUESTIONS

Volume Navigation

Easy, quick and comprehensive package including:

- 2D/3D GPs, marker tracking system within patient anatomy
- Fusion Imaging with CT, MRI, PET/CT, CBCT, SPECT, 3D US
- Needle Tip Tracker and Virtual Tracker, to track the needle path and tip position
- Active Tracker to perform a quick auto-Registration with a CT, MRI, CBCT or 3D US dataset
- Four transducers with embedded V Nav sensor: no need of external bracket and cables
- Working in combination with CEUS, 2D-Shear Wave Elastography and B-Flow

Contrast Enhanced Ultrasound

Easy, quick and comprehensive package including:

- Complete CEUS settings, including AM, Phase Inversion techniques
- Working in 2D, 3D and Volume Navigation Modes
- Extensive integrated TIC quantification package

B-Flow™

GE patented technique enabling to display true flow hemodynamics in B-Mode, without Doppler's limitation.

MVI, Microvascular Imaging

Technique based on Power Doppler and Color B-Flow Modes boosting microvascular sensitivity and resolution in slow flow states.

Elastography

Comprehensive package offering Strain Imaging Elastography (with qualitative and semi-Quantitative information) and 2D-Shear Wave Elastography.

EASY WORKFLOW TO KEEP YOUR DAY ON TRACK

- Breast, Thyroid, Liver Auto-lesion segmentation (Edison Tool –Anatomical Assistant)
- Auto Doppler Assistant adjusts automatically color box and angle (Edison Tool – Anatomical Assistant)
- Compare Assistant, to compare exams
- Scan Assistant, customizable scanning programs
- LOGIQ Apps, acquire/send photo of relevant anatomies and remotely operate the system (App Assistant)
- Power Assistant, onboard battery to enhance mobility
- GE Raw Data
- SonoDefense solution for a Powerful Data Security
- Analytics Tools for product's utilization analysis (Analytic Assistant)
- Ergonomic design with extended cleanability (16 approved cleaning agents)

Part of the XDclear Family

LOGIQ E9 XDclear 2.0

Complete Ultrasound.

The LOGIQ™ E9 XDclear™ 2.0 is the release of our leadership ultrasound system delivering extraordinary images combined with solutions to meet the needs of demanding and discerning practices.

The LOGIQ E9 XDclear 2.0 features an innovative XDclear Platform that includes a powerful XDclear Processing Engine (actively working in the background to enhance image quality), the second generation of GE's Agile Acoustic Architecture (with more sophisticated acoustic models), an expanded portfolio of XDclear probes and a High Resolution OLED Widescreen Display.

With the LOGIQ E9 XDclear 2.0 ultrasound system, we've rethought virtually every element of the imaging chain, from the pulse of the probes to the clarity of the pixels. The result is our highest level of imaging performance yet – a leap forward you have to see to believe.

Advanced Expert Tools, such as the comprehensive Volume Navigation package, 2D-Shear Wave Elastography and the extended CEUS settings, have been made easier to bring advanced applications to your daily practice in the form of quick and precise procedures.

EXTRAORDINARY IMAGES TO EXPAND YOUR INSIGHT

- E-series and XDclear transducers, encompassing advanced technologies as Acoustic Amplifier, Single Crystal and Active Matrix Arrays and Cool Stack for an increased penetration and high frequency at depth. All with PinLess connectors to increase signal-to-noise ratio
- The second generation Agile Acoustic Architecture, based on clinical data and more sophisticated dynamic mathematical models, delivers great image quality, uniformity, frequency at depth with few keystrokes
- The XDclear Processing Engine with enhanced bandwidth applies advanced imaging algorithms to create excellent images across all modes and applications
- XDclear High definition OLED 22" Widescreen Display providing high contrast and deep blacks, extraordinarily vibrant colors, and excellent image quality even when viewing the monitor off-axis.

EXPERT TOOLS FOR COMPLEX QUESTIONS

Volume Navigation

Easy, quick and comprehensive package including:

- 2D/3D GPs, marker tracking system within patient anatomy
- Extensive possibility of fusion Imaging (CT, MRI, PET/CT, CBCT, SPECT, 3D US)
- Needle Tip Tracker and Virtual Tracker, to track the needle path and tip position in the interventional procedures's planning and guidance
- Active Tracker to perform a quick auto-Registration with a CT or MRI dataset, change reference sensor and manage transmitter, patient and breathing motion during the procedure
- New transducers with embedded V Nav sensor: no need of external bracket and less cables for a better scanning comfort
- Brackets available for all clinical applications
- Working in combination with CEUS, 2D-Shear Wave Elastography and B-Flow

Contrast Enhanced Ultrasound

Easy, quick and comprehensive package including:

- Complete CEUS settings, including AM, Phase Inversion techniques
- Working in 2D, 3D and Volume Navigation Modes
- Extensive quantification package with Logaritmic and GE Raw Data TIC and motion correction

B-Flow™ and B-Flow Color

GE patented technique enabling to display true flow hemodynamics in B-mode, without Doppler's limitation.

Elastography

Comprehensive package offering Strain Imaging Elastography (with qualitative and semi-Quantitative information) and the 2D-Shear Wave Elastography, to help measure tissue stiffness and improve diagnostic confidence in a wide range of clinical applications.

3D/4D Volume Ultrasound

Comprehensive suite of probes and settings for all clinical applications

EASY WORKFLOW TO KEEP YOUR DAY ON TRACK

- Extensive 2D-3D PDI and flow Quantification package
- Measure Assistant
- Breast and Thyroid productivity packages
- Compare Assistant, to compare previous exams with the current one and standardize settings
- Scan Assistant, customizable scanning programs that help improve exam standardization, exam consistency and productivity
- Ergonomic design with easy-to-reach controls, motorized adjustable floating console, configurable touch panel and articulating monitor help improve scanning comfort
- GE Raw Data

Part of the XDclear Family

LOGIQ S8 XDclear 2.0 + NEW

Simply Amazing

The new Release of the LOGIQ™ S8 XDclear™ 2.0 + features an expanded set of tools and enhanced performance across a wide range of applications. Harnessing the powerful combination of S-Agile Acoustic Architecture and XDclear probe technology, the LOGIQ S8 XDclear 2.0 + gives access to amazing versatility in ultrasound imaging.

As part of the XDclear family, the new unit features an innovative XDclear Platform that includes a powerful XDclear Processing Engine (actively working in the background to enhance image quality), the second generation of GE's Agile Acoustic Architecture (with more sophisticated acoustic models), an expanded portfolio of XDclear probes and a High Resolution OLED Widescreen Display. The technologies migrated from GE's flagship system combine to enable superb imaging across a wide range of applications, including abdominal, musculoskeletal, small parts, breast, vascular, OB/GYN, cardiology, pediatrics, urology and more.

Advanced tools as 2D-Shear Wave Elastography, Volume Navigation with CT MRI Active Tracker, Enhanced B-Flow™ and HD Color help improve clinical confidence in the most challenges cases, increasing product scalability to your needs. The LOGIQ S8 XDclear 2.0 + has now reached a greater portability and usability with a smaller footprint, new user interface and enhanced Power Assistant option to scan via battery for up to one hour.

SUPERB IMAGING

- The second generation S-Agile Acoustic Architecture including more sophisticated mathematical acoustic models based on clinical data for an increased penetration and high frequency at depth
- E-series and XDclear transducers, encompassing advanced technologies as Acoustic Amplifier, Single Crystal and Active Matrix Arrays and Cool Stack for an increased penetration and high frequency at depth. All with PinLess connectors to increase signal-to-noise ratio
- High definition OLED 22" Widescreen Display with advanced OLED technology providing high contrast deep blacks, extraordinarily vibrant colors, and excellent image quality even when viewing the monitor off-axis

SIMPLIFIED WORKFLOW

- Automated Measurements and Optimization Tools
- Breast and Thyroid productivity packages
- 2D-3D semi-automatic Flow Quantification package
- Compare Assistant, to compare previous exams with the current one and standardize settings
- Scan Assistant, customizable scanning programs that help improve exam standardization, exam consistency and productivity
- Power Assistant with option for mobile scanning (up to one hour on battery)
- MyTrainer, onboard training modules
- Streamlined ergonomics and unique scanning comfort with a slim and light-weight console, configurable 10.1" touch panel
- GE Raw Data
- Tricefy Cloud based storage
- SonoDefense solution

SCALABLE TO YOUR NEEDS

Contrast Enhanced Ultrasound

Easy, quick and comprehensive package including:

- CEUS settings including AM and Phase Inversion techniques
- Working in 2D, 3D and Volume Navigation Modes
- Extensive quantification package with Logaritmic and GE Raw Data TIC and motion correction

Elastography

Comprehensive package offering

- Strain Imaging Elastography (with qualitative and semi-Quantitative information)
- 2D-Shear Wave Elastography, to help measure tissue stiffness and improve diagnostic confidence in a wide range of clinical applications

Enhanced B-Flow™ and B-Flow HD Color

GE patented technique enabling to display true flow hemodynamics in B-mode, without Doppler's limitation. Now with Hybrid and HD Color Modes.

3D/4D Volume Ultrasound

Comprehensive suite of probes and settings for all clinical applications including the new HD*live*™

Volume Navigation

Sophisticated tools combine the advantages of volume imaging with an advanced navigation system to enhance localization speed and accuracy. Needle Tracking techniques, CT/MRI Active Tracker, 2D/3D GPS markers help improve confidence and efficacy in treatment planning and guidance. New transducers with embedded V Nav sensor cancel the need of external bracket and less cables for a better scanning comfort.

Part of the XDclear Family

LOGIQ S8 XDclear

Simply Amazing

The LOGIQ™ S8 XDclear™ is a member of the XDclear Family, the leadership branding in GE General Imaging Ultrasound.

Harnessing the powerful combination of S-Agile Acoustic Architecture and XDclear probe technology, the LOGIQ S8 XDclear gives access to amazing versatility in ultrasound imaging. As part of the XDclear family, the platform includes GE's premier probe and platform technology – delivering optimized image qualityacross virtually all patient body types. The LOGIQ S8 XDclear also delivers new ease to workflow and a lightweight, portable design that functions reliability and fits easily into any care environment.

The technologies migrated from GE's flagship system combine to enable superb imaging across a wide range of applications, including abdominal, musculoskeletal, small parts, breast, vascular, OB/GYN, cardiology, pediatrics, urology and more. Advanced tools as Volume Navigation with Fusion Imaging and Needle Tip Tracking, 2D-Shear Wave Elastography and an enhanced CEUS package help improve clinical confidence in the most challenges cases. Increasing product scalability to your needs.

The LOGIQ S8 XDclear is lightweight and portable, easy to maneuver in tight spaces, making it well-suited for crowded rooms. Practical productivity enhancers – from the intuitive keyboard and large touchscreen to built-in automation tools – help reduce the workflow burden on busy staff.

SUPERB IMAGING

- E-series and XDclear transducers, encompassing advanced technologies as Acoustic Amplifier, Single Crystal and Active Matrix Arrays and Cool Stack for an increased penetration and high frequency at depth. All with PinLess connectors to increase signal-to-noise ratio
- The second generation S-Agile Acoustic Architecture including more sophisticated mathematical acoustic models based on clinical data for an increased penetration and high frequency at depth
- High Definition 23" Widescreen LED backlit LCD display

Contrast Enhanced Ultrasound

Easy, quick and comprehensive package including:

- Complete CEUS settings, including AM and Phase Inversion techniques
- Working in 2D, 3D and Volume Navigation Modes
- Extensive quantification package with Logaritmic and GE Raw Data TIC and motion correction

Elastography

Comprehensive package offering Strain Imaging Elastography (with qualitative and semi-Quantitative information) and the 2D-Shear Wave Elastography, to help measure tissue stiffness and improve diagnostic confidence in a wide range of clinical applications

B-Flow™ and B-Flow Color

GE patented technique enabling to displaytrue flow hemodynamics in B-mode, without Doppler's limitation.

3D/4D Volume Ultrasound

Comprehensive suite of probes and settings for all clinical applications.

SIMPLIFIED WORKFLOW

- Extensive 2D-3D PDI and flow Quantification package
- Measure Assistant
- Breast and Thyroid productivity packages
- Compare Assistant, to compare previous exams with the current one and standardize settings
- Scan Assistant, customizable scanning programs that help improve exam standardization, exam consistency and productivity
- Streamlined ergonomics and unique scanning comfort with a slim and light-weight console, configurable 9" touch panel
- Power Assistant battery operation mode
- GE Raw Data

Part of the XDclear Family

LOGIQ S7 XDclear

Amazing Versatility

The LOGIQ™ S7 XDclear™ is the latest Release of our Premium ultrasound unit. Featuring the powerful combination of S-Agile Acoustic Architecture and XDclear probe technology, the LOGIQ S7 XDclear gives access to amazing versatility in ultrasound imaging delivering optimized image quality across virtually all patient body types.

This mobile and shared service system is designed to combine a consistent quality performance, a user-sensitive design and intuitive tools all together at an affordable price. LOGIQ S7 XDclear is well equipped for a variety of applications and ready to take both on routine and non-traditional challenges. It's a true workhorse, with a lightweight design that incorporates powerful technologies enhancing workflow and user experience. Especially designed for practices with high expectations for both performance and value.

The LOGIQ S7 Expert provides a Sensational performance, a Smart design and Specialized capabilities to help fit your needs.

SENSATIONAL PERFORMANCE

- The S-Agile Acoustic Architecture, enables images of uniform excellence across multiple body types with minimal keystrokes
- Even wider selection of E-series and XDclear transducers, encompassing advanced technologies as Acoustic Amplifier, Single Crystal and Active Matrix Arrays and Cool Stack for an increased penetration and high frequency at depth
- Image optimization tools, help enhance image quality such as increased contrast resolution and improved border definition
- Auto TGC, automatically optimizes image brightness and contrast

SMART DESIGN

- High Definition, configurable 23" LCD Widescreen monitor with LED backlit display
- 10,1" touch panel with smart keys and backlit controls
- Enhanced portability, smaller and light weight with Power Assistant battery backup, wireless connectivity and Bluetooth® printing
- Compare Assistant, to compare previous exams with the current one and standardize settings
- Scan Assistant, customizable scanning programs that help improve exam standardization, exam consistency and productivity
- GE Raw Data

SPECIALIZED CAPABILITIES

- Auto IMT
- B-Flow™ and B-Flow Color, GE patented technique enabling to display true flow hemodynamics in B-mode, without Doppler's limitation
- Strain Imaging Elastography with semi-Quantification
- 2D-3D PDI flow semi-Quantification
- Contrast Enhanced Ultrasound
- B-steer+, for improved needle visualization
- 3D/4D Volume Ultrasound, comprehensive suite of probes and settings for all clinical applications
- Fetal assessment tools, as Advanced STIC and OmniView
- Measure Assistant
- Breast and Thyroid Productivity Packages
- Compare Assistant
- Multi-Modality Imaging Display, to compare exams from different imaging studies
- Image exchange via Smartphone

LOGIQ P9

NEW

Make it easy. Make it your own.

The new Release of the LOGIQ™ P9 is taking the performance of this successful mid-range ultrasound to the next level. This mobile and shared service system has been originally sdesigned for quick diagnostic exploration and quick schedules being easy to use and enabling fast exams through customizable user workflow and productivitytools. The new Release enhances the LOGIQ P9's imaging performance while expanding to a wider range of applications. LOGIQ P9 is the choice for a Personalized, Patient-centric and Practical ultrasound system.

PERSONALIZED

- MyPage, for customized personal preferences as workflow, measurements, comments
- Configurable smart keys, hard keys, TGC presets, user defined keys
- Simplified operator panel – 80% reduction of physical buttons, 10.4" touch panel, digital TGC and keyboard

PATIENT-CENTRIC

- P-Agile Acustic Architecture
- Extensive portfolio of transducers
- SRI, CrossXBeam, B-Steer+, LOGIQ View
- Contrast Enhanced Ultrasound with HiRes
- B-Flow™, HD Color
- Strain Elastography with semi-Quantification
- 2D-Shear Wave Elastography on convex and linear probes
- 3D/4D Volume Ultrasound with new HD*live*™, STIC and OmniView
- Anatomical M-Mode, TVI, TVD, Cardiac Strain

PRACTICAL

advanced features as

- Innovative ergonomics
- 21,5" LCD monitor, with articulated arm
- TouchPanel with Touch Control
- Fully adjustable console, up/down, rotation
- 4 active probes connectors
- Auto Image Optimization (AO, ATO, Auto TGC)
- Auto IMT, AutoEF
- Measure Assistant
- Breast and Thyroid productivity packages
- Compare Assistant
- Scan Assistant
- Multi-Modality Q/R and V Nav Import
- GE Raw Data
- Power Assistant
- Photo Assistant and Remote App
- Tricefy Cloud based storage
- SonoDefense solution

LOGIQ P7

NEW

Make it easy. Make it your own.

The new Release of the LOGIQ™ P7 is increasing the overall performance of this mid-range ultrasound. This mobile and shared service system has been originally designed for quick diagnostic exploration and quick schedules being easy touse and enabling fast exams through customizable user workflow and productivitytools. The new release expands its usage to a wider range of applications. The new LOGIQ P7 is the choice for a Personalized, Patient-centric and Practical ultrasound system.

PERSONALIZED

- MyPage, for customized personal preferences as workflow, measurements, comments
- Configurable smart keys, hard keys, TGC presets, user defined keys
- Simplified operator panel – 80% reduction of physical buttons, 10.4" touch panel, digital TGC and keyboard

PATIENT-CENTRIC

- P-Agile Acustic Architecture
- Extensive portfolio of transducers
- SRI, CrossXBeam, B-Steer+
- LOGIQ View
- B-Flow™ and HD Color
- Elastography with semi-Quantification
- 3D/4D Volume Ultrasound with new HD*live*™, STIC and OmniView
- Anatomical M-Mode, TVI, TVD, Cardiac Strain

PRACTICAL

advanced features as

- Innovative ergonomics
- 21,5" LCD monitor, with fixed arm
- TouchPanel with Touch Control
- 4 active probes connectors
- Auto Image Optimization (AO, ATO, Auto TGC)
- Auto IMT, AutoEF
- Measure Assistant
- Breast and Thyroid productivity packages
- Compare Assistant
- Scan Assistant
- Multi-Modality Q/R and V Nav Import
- GE Raw Data
- Power Assistant
- Photo Assistant and Remote App
- Tricefy Cloud based storage
- SonoDefense solution

PRIMARY AND ACCESSIBLE CARE

Exceptional solutions. Everyday accessibility.

- **Versana Premier**
- **Versana Essential**
- **LOGIQ F8**
- **LOGIQ F6**
- **LOGIQ V5**
- **LOGIQ V2**

Versana Premier

NEW

Powerful. Versatile. Productive.

WORLD-CLASS ULTRASOUND DESIGNED FOR PEACE OF MIND.

The Versana Premier™ ultrasound system can help you quickly and confidently diagnose a broad range of conditions, case after case, day after busy day.

Versana Premier delivers outstanding imaging power and clarity to boost diagnostic confidence. It helps you see clearly, differentiate between tissues, and delineate structure boundaries. You'll enjoy proven functionalities found on most advanced GE systems.

A wide variety of probes and clinical features let you perform and analyze exams from routine to highly specialized.

ERGONOMIC FEATURES FOR CLINICIAN AND PATIENT COMFORT

- 21,5" high resolution LED Monitor
- Articulating monitor arm
- Touch panel
- Height-adjustable console
- Integrated battery (optional)
- Gel warmer

A complete solution.

ADVANCED CAPABILITY, CLINICAL EDUCATION, AND FINANCING TO FIT YOUR BUDGET

VERSATILE SYSTEM, SIMPLE TO USE

Multiple exam protocols and applications help you diagnose a wide spectrum of patient conditions. Intuitive automated tools streamline workflow.

Scan Assistant lets you create standardized exam protocols, saving keystrokes, reducing stress and fatigue, and maximizing exam consistency

Whizz dynamic image tuning continuously optimizes the image as you scan, even as you move from one organ or area to another

Use ***Tomographic Ultrasound Imaging (TUI)*** to assess slices within a volume

Use ***TruScan*** to reviewand analyze images after exams at your convenience

Use ***3D volume*** imaging for rich anatomical views

Overlay ***voice comments*** on images for playback when reviewing exams

Overlay ***voice comments*** on images for playback when reviewing exams

Automated measurements of bladder volume, IMT thickness, left ventricular ejection fraction, fetal characteristics and more

Compare current and prior exams side-by-side with the ***Follow-Up Tool***

Use ***elastography*** to evaluate the stiffness of tissue and underlying structures

Network options let use the cloud[1] to share images with referring physicians[2]

Versana Essential

Care with Confidence.

EASY TO USE AND EASY TO OWN.

Versana Essential™ is a complete ultrasound solution – one you can learn to use quickly and productively. It enables confident clinical decision making for quick referrals and immediate clinical correlation – so you can scan a wide range of patients.

We designed this machine with your growing medical center in mind, to provide the clinical capability and support you want – without compromising the quality, reliability, and affordability you need.

SIMPLICITY AND ERGONOMICS

- 15,4'' 16:9 LED Monitor
- 3 active probe connectors
- Color Doppler
- Simplified workflow

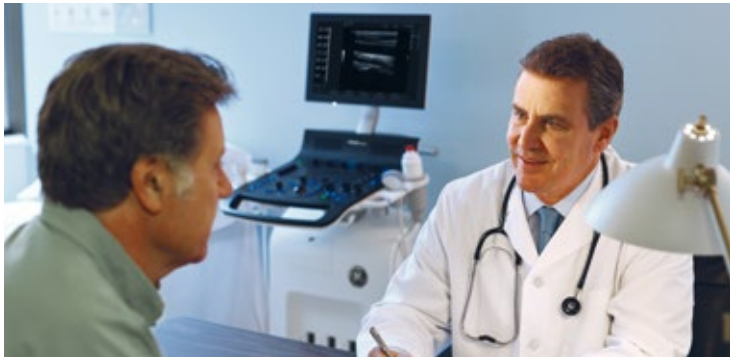
Patient focus with support from:

Easy image quality optimization with **Wizz** function

Easy-to-learn system with dedicated functions of **Scan Assistant, Scan Coach** and **My Trainer**

Simple and fast to use with automated calculations: **SonoBiometry, Auto IMT**

Small footprint and leight weight to fit in almost every room



Trusted reliability built on the legacy of GE ultrasound excellence

Dependable multi-year service coverage, plus technical support always close at hand

LOGIQ F8

To diagnose with confidence.

GE's F-Agile Acoustic Architecture is the backbone of the midrange shared service ultrasound system LOGIQ™ F8. You can now afford an ultrasound system with excellent image quality for multiple disciplines, designed to help improve workflow, give you peace of mind, and help you provide your patients with enhanced care.

ADVANCED TOOLS HELP ENHANCE IMAGE QUALITY:

- CrossXBeam, compound imaging
- Speckle Reduction Imaging (SRI HD)
- Phase Inversion Harmonic Imaging
- Virtual Convex, B-Steer

ADVANCED OPTIONAL FEATURES

- Elastography
- Auto IMT
- B-Flow™
- Stress Echo
- Auto EF
- AMM – Anatomical M-Mode
- Tissue Velocity Imaging (TVI) with Q Analysis
- 3D/4D Volume Ultrasound
- DICOM helps you expand your application coverage.

CUSTOMIZED SOLUTIONS

- Auto Optimization
- GE Raw Data
- Scan Assistant & Scan Coach
- Touch panel technology
- Four active probe ports (Optional)
- 19" LED screen with flexible arm facilitates a fast workflow and scanning comfort.

LOGIQ F6

Confidence and flexibility.

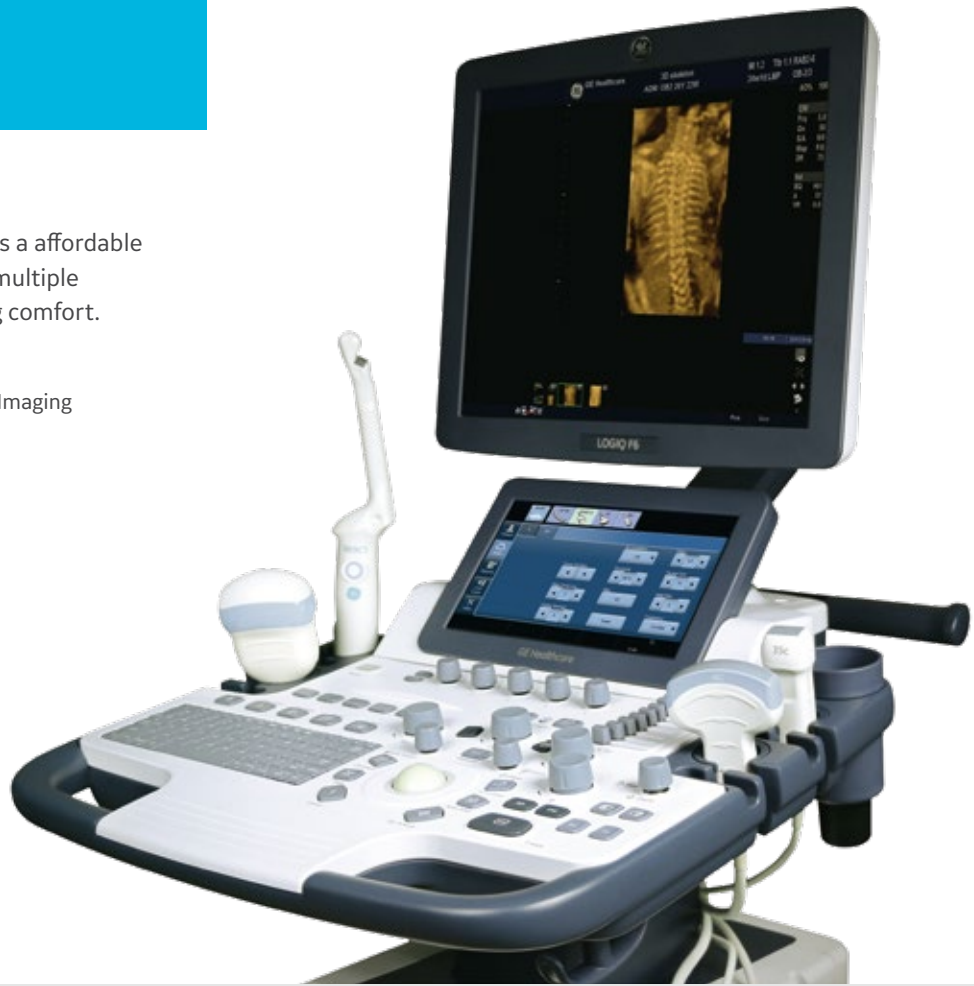
Featuring the GE's F-Agile Acoustic Architecture, the LOGIQ™ F6 is a affordable midrange ultrasound system. It has exceptional image quality in multiple disciplines, designed to help improve your workflow and scanning comfort.

ADVANCED TOOLS HELP ENHANCE IMAGE QUALITY

- CrossXBeam, compound imaging
- Speckle Reduction Imaging (SRI HD)
- Phase Inversion Harmonic Imaging
- Virtual Convex, B-Steer

ADVANCED FEATURES HELP INCREASE SYSTEM PERFORMANCE EXPANDING YOUR APPLICATION COVERAGE AND WORKFLOW

- Auto Optimization
- Auto IMT (Optional)
- LOGIQ View (Optional)
- CWD – Continuous Wave Doppler (Optional)
- 3D/4D Volume Ultrasound (Optional)
- AMM – Anatomical M-Mode (Optional)
- DICOM (Optional)
- Scan Assistant & Scan Coach
- Four active probe ports (Optional)
- 17" LED screen
- GE Raw Data



LOGIQ V5

Hand in Hand for a healthier world.

The LOGIQ™ V5 is an entry level ultrasound that simplifies the experience to meet your clinical needs. In addition to Color-Doppler performances and basic shared service capabilities, its workflow is very simple and intuitive with features that follow the logical exam flow. Automation tools and onboard clinical information help you perform your exam with ease and confidence.

SIMPLICITY AND AUTOMATION

- 17" LED Monitor
- 3 active probe connectors
- Customizable UI & IQ parameters
- Simplified workflow
- Sono Biometry

IMAGING ASSISTANCE

- Scan Assistant
- Scan Coach
- Instructional videos

SMART ECONOMICS

- Affordable Upfront costs
- Comprehensive 3 years service coverage
- InsiteEXC Remote connectivity

DIAGNOSTIC CONFIDENCE

- MLA4 processing technology
- CrossXbeam, compound imaging
- Speckle Reduction Imaging (SRI HD)
- Phase Inversion Harmonic Imaging
- Virtual Convex, B-steer
- Color Flow Imaging
- Pulsed-Wave (PW)
- Auto Optimization; ASO
- Auto IMT
- LOGIQ View
- Easy 3D
- Anatomical M-Mode
- DICOM
- GE Raw Data

LOGIQ V2

The brilliance of color, the simplicity of GE.

The LOGIQ™ V2 is the compact ultrasound combining advanced imaging technologies (including Color Flow capabilities) with productivity solutions and extreme ease of use. Leveraging decades of GE experience in Ultrasound, the compact LOGIQ V2 delivers quality and versatility with a range of transducers for diverse exams including abdominal, obstetrics and gynecology, small parts, vascular, cardiac, pediatric and transcranial.

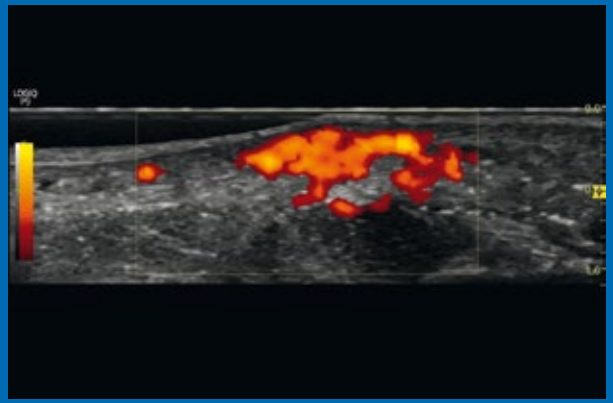
Features such as Coded Harmonic Imaging, Speckle Reduction Imaging and CrossXBeam (spatial compound) help get a higher contrast and spatial resolution for a better visualization of interfaces and border differentiation.

Exam confidence and efficiency are improved thanks to integrated 'Assistant' solutions, helping perform faster exams such as Auto IMT, Auto Optimization, Scan Assistant and Sono Biometry.

The LOGIQ V2 also gives access to real-time exam guidance to support exam efficiency and accuracy. Features such as Scan Coach introduces the scan plane reference tool and more information to help when scanning.

- B-Mode image, Color Doppler
- Power Doppler Imaging (PDI)
- PW Doppler Imaging with High PRF
- Anatomical M-Mode
- CW Doppler
- Coded Harmonic Imaging (CHI)
- Speckle Reduction Imaging (SRI)
- CrossXBeam (Compound Imaging)
- Auto Optimization (AO)
- B-Steer
- Auto IMT
- LOGIQ View (panoramic Imaging)
- Easy 3D
- Scan Assistant
- Scan Coach
- SonoBiometry
- GE Raw Data
- 15" high-resolution LED
- 6 kg with battery

POINT OF CARE



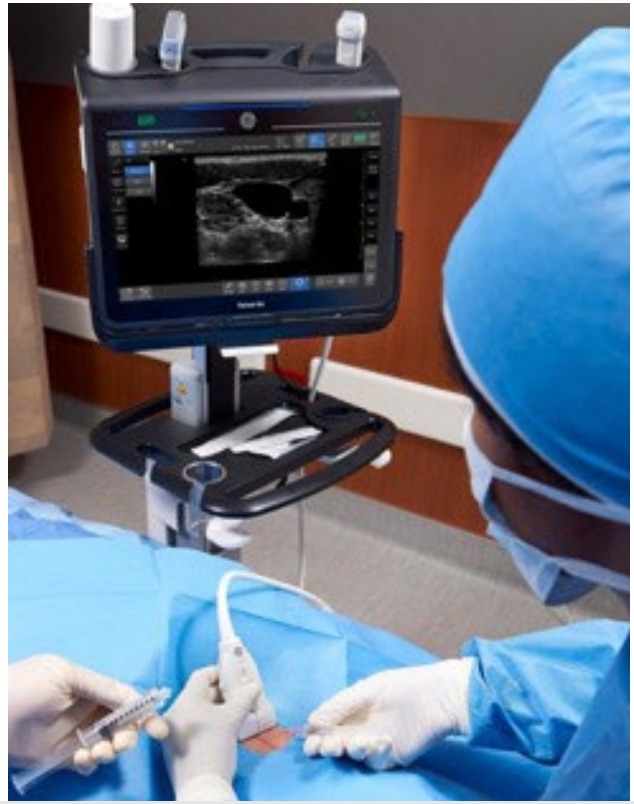
Accurate imaging for anesthesia, musculoskeletal, interventional, emergency, and critical care.

(See General Imaging)	**LOGIQ E10**
(See General Imaging)	**LOGIQ E9 XDclear 2.0**
(See General Imaging)	**LOGIQ S8 XDclear 2.0 +**
(See General Imaging)	**LOGIQ S7 XDclear**
(See General Imaging)	**LOGIQ P9**
(See General Imaging)	**LOGIQ P7**
	The GE Venue Family
	LOGIQ *e*
(See Cardiovascular)	**Vivid *iq***
(See Vscan Family)	**Vscan Family**

The Venue™ Family

The first family of AI-enabled, Point of Care ultrasound system

Simple. Fast. Precise.



HELP PHYSICIANS DELIVER CONSISTENT, EFFECTIVE CARE.

Shared software platform across devices

- Familiar interface across devices
- Interchangeable probes* for compatibility across devices
- Supports reliable upgrades & cybersecurity

Automated tools help simplify patient assessments

- Utilize advanced algorithms
- Help accelerate diagnoses and increase confidence

Adaptable design for enhanced mobility

- Small footprint console
- Configurations include cart, table, wall, or console with large monitor**
- Durable and easy to transport, clean & maintain

AUTO TOOLS FOR MANY APPLICATIONS

Available exclusively on Venue family systems, AI-enabled auto tools help simplify and accelerate patient assessments.

Utilizes proprietary algorithms

Data synthesized from numerous patients

Helps with accurate calculations for clinical confidence

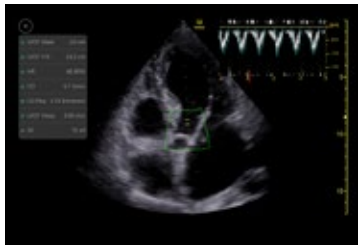
*Applies to Venue R2.5 and Venue Go
** Cart, table and wall apply to Venue Go

AUTO VTI

Calculate VTI and CO in one simple step. **VTI Trending** function helps clinicians quickly visualize the trend so the next course of action can be determined.

Experience **82% time savings**[1]

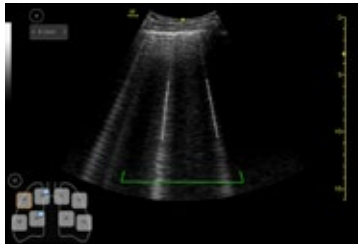
Study found **better correlation than with manual CO measurements**[2]



AUTO B-LINE TOOL

In one single step, this tool calculates the overall lung score by highlighting and counting B-lines in real time and displaying the image with the highest B-line count.

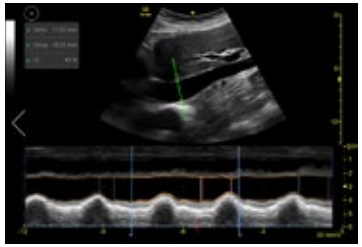
Study found the tool to be comparable and **as highly reliable as visual counting** performed by experts[4]



AUTO IVC

Measure IVC collapsibility or distensibility accurately and automatically.

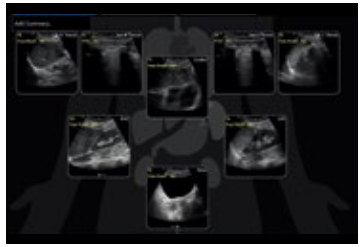
Study found the **IVC measures were equivalent to an expert user's ability 90%** of the time for minimal diameters and **97%** for maximal diameters[5]



eFAST TOOL

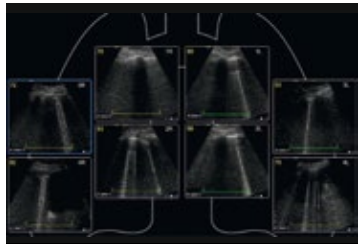
Assess and document patient status by mapping key areas of the body.

Reduce keystrokes by 80% compared to traditional eFAST exam[3]



LUNG REVIEW

Quickly review all segments of the lung and follow up prior exams using the Lung Review.



[1] Based on a GE internal study with Venue GO DOC2254811.
[2] Xavier Bobbia; Laurent Muller, et al. A New Echocardiographic Tool for Cardiac Output Evaluation: An Experimental Study 2018 OI: 10.1097/SHK.0000000000001273, PMID: 30300317
[3] eFAST Comparison Study: Manual vs. Venue Automation. GE internal study. (DOC2222911)
[4] Short J, Acebes C, Rodriguez-de-Lema G, et al. Visual versus automatic ultrasound scoring of lung B-Lines: reliability and consistency between systems. Med Ultrasonography 2019, Vol. 21 no. 1, 45-49 DOI: 10.11152/mu-1885
[5] Venue Go R2 Technical Product Claims Document (DOC2199650)

The Venue™ Family

Venue

BUTTON PROBE
Allows you to directly control the system and simultaneously hold a needle

19-INCH ARTICULATING MONITOR
See the image across the room. Ideal for teaching and training purposes; reposition it for procedures

DESIGNED FOR CABLE MANAGEMENT
Transducers on top keep cables off the ground

UP TO FOUR-HOUR BATTERY
Easy-to-see countdown timer changes color when you are running low

SEAMLESS FLAT DISPLAY
Enables thorough cleaning to support your infection control efforts

FULL-SCREEN MODE
Simple user interface

CARDIAC ASSESSMENT*
TEE and ECG functionality

BACKED BY A MULTI-YEAR WARRANTY
Support you can count on

* Applies to Venue R2

The Venue™ Family

Venue Go

UP TO TWO-HOUR BATTERY
Easy-to-see countdown timer changes color when you are running low

BUTTON PROBE
Allows you to directly control the system and simultaneously hold a needle

SEAMLESS FLAT DISPLAY
Enables thorough cleaning to support your infection control efforts

UNIQUELY ADAPTABLE
Exclusive cradle enables system to go from cart to table to wall

READY WHERE YOU ARE
Customizable LED indicators help ensure availability status

MULTIPURPOSE HANDLE
Adjustable system height and additional cord management channels

DESIGNED FOR CABLE MANAGEMENT
Transducers on top keep cables off the ground

15-INCH MONITOR
Sized for the environment and designed for easy repositioning and simple transport

CARDIAC ASSESSMENT
TEE and ECG functionality

FULL-SCREEN MODE
Simple user interface

BACKED BY A MULTI-YEAR WARRANTY
Support you can count on

LOGIQ *e*

Simple. Fast. Precise.

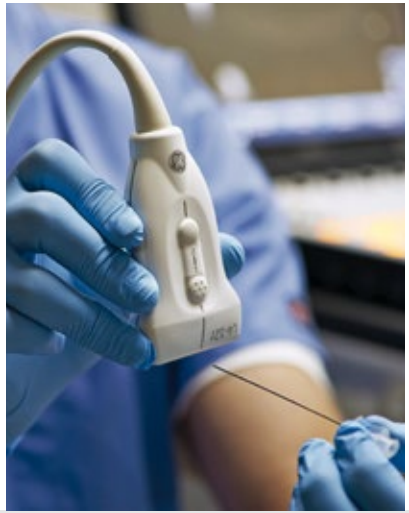
CHALLENGES IN POINT OF CARE

Acute intervention. Chronic patient management. Needle Guidance.

Action-oriented patient care. When physicians who use ultrasound at the point of care met with GE scientists, they asked for a system designed for immediate-action workflow, bright-room operation, and precise guidance... throughout the facility.

FEATURES INCLUDED AS STANDARD:

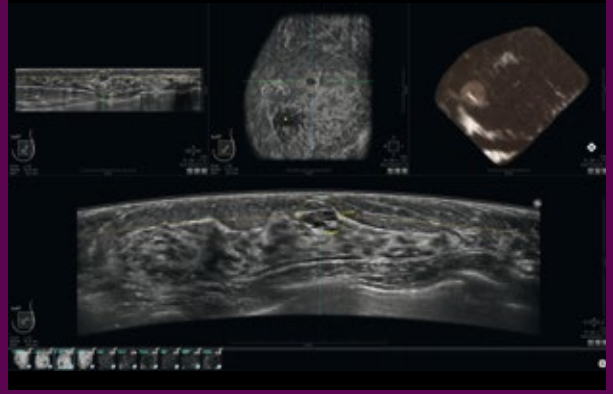
- Patient Follow-up Tool –Easily image with technical consistency over time to evaluate a patient's progress
- Fusion –Overlay a previously acquired image with a live scan to help align the probe for imaging consistency during serial exams.
- PDI Quantification –Precise imaging of neovascularization helps you objectively monitor conditions such as synovitis
- Raw Data –Efficiently optimize images post-exam
- Needle Recognition with gain –Helps you confidently visualize needle tip at target with the ability to adjust the needle intensity
- New ultra-high frequency 10-22 MHz linear transducer – Helps improve diagnostic confidence during superficial imaging
- New 1-5 MHz curved transducer –Penetration for large patients
- New button probe –Programmable buttons on the transducer provides single-person control of a procedure
- New High-Res PDI –GE's exclusive tool for precise depiction of neovascularization to assist in early detection of inflammation
- Ocular preset
- 128 Channels
- Cardiac transducers—transthoracic (TTE) and transesophageal (TEE)
- B-mode image, Color Doppler, PW Doppler, Tissue Doppler imaging, and slow-flow Power Doppler Imaging (PDI) sensitivity
- TruScan raw data processing with retro-spective adjustment of B-mode image and Doppler parameters. Raw Data allows flexibility to manipulate stored images, add annotations, measure, and optimize images – even after the procedure
- Intuitive presets by procedure and body part – with the flexibility to create and save your own settings
- Weight: Less than 4.5 Kg
- Battery-operated, independent of main power supply
- Internal image archiving or via wireless LAN

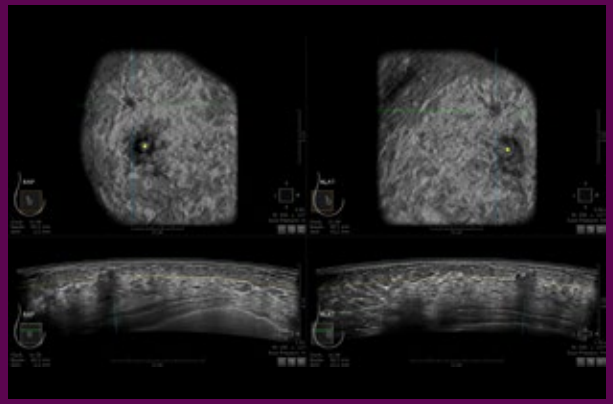


NEW

Invenia ABUS 2.0

BREAST IMAGING





Screening | Diagnostic | Staging | Surveillance

Personalizing Breast Care with Invenia™ ABUS 2.0 is leading into clinical, operational and financial benefits along the Breast Care Pathway. The sole FDA approved Ultrasound Screening device for dense breasts is based on an innovative concept and support beyond technology.

Invenia ABUS 2.0

Invenia ABUS 2.0

NEW

Clinical solutions.

THE UNSEEN RISK – TOO MANY TUMORS ARE MISSED IN DENSE BREASTS:

Over 40% of women have dense breast tissue[1], which can mask the appearance of tumors and limit the performance of mammography. Mammography may miss over 1/3 of cancers in dense breasts[2]. Having dense breasts increases a women's likelihood to develop cancer four to six times[3].

ENHANCED DETECTION - INVENIA ABUS CONTRIBUTE TO FIND MORE CANCERS:

Screening with ABUS has shown a relative increase in cancer detection rate of 57% by keeping an almost stable recall rate of 2.3%.[4] Early cancer detection enables less invasive treatment, lower morbidity and reduced treatment costs.

ENHANCED DIAGNOSIS AND MORE:

Accurate, cost-effective and non-invasive staging of breast-cancer due to the global view of the breast[5] and easy comparison to priors are streamlining the bilateral breast evaluation, also for monitoring.

1. Tabár, L., Vitak, B., et. al. Swedish Two-County Trial: Impact of Mammographic Screening on Breast Cancer Mortality during 3 Decades Radiology: 2011 260:3, 658-663.
2. Mandelson et al. Breast density as a predictor of mammographic detection: comparison of interval and screen-detected cancers. JNatl Cancer Inst 2000; 92:1081–1087.
3. Boyd, N.F., Guo, H., et. al., Mammographic Density and the Risk and Detection of Breast Cancer N Engl J Med 2007, 356 (3): 227-236
4. Wilczek, Leifland, et.al. Adding 3D Automated Breast Ultrasound to mammography screening in women with heterogeneously and extremely dense breasts. Report from a hospital-based, high-volume, single-center breast cancer screening program. European Journal of Radiology 85 (2016) 1554–1563
5. Grady, et al. Elsevier, Journal of Ultrasound, 10.1016/j.jus.2010.07.005

Invenia ABUS 2.0

HIGHLY CAPABLE PRODUCT CONCEPT

- **Invenia ABUS 2.0 cSound™ Imageformer,** uses the latest software based graphics processor, that provides a reproducible and operator-independent acquisition method to achieve consistent, high quality results with every pixel in focus.
- **Intelligent Imaging Algorithms** provide remarkable image quality and reproducibility from user to user.
- **One button automation and Icon-driven Touchscreen** allows technician an easy use leading into standardization and reproducibility.
- **The Reverse Curve™ transducer** contribute to enhance both patient comfort and breast coverage during the exam. The 15 cm wide field-of-view high-frequency transducer automatically creates uniform compression across the entire breast for excellent image quality.
- **The Invenia ABUS Viewer** for a fast and efficient workflow: The Viewer's intelligent tools provide efficient exam reading and analysis within 3 minutes – which offers remarkable time saving for Physicians compared to handheld ultrasound.

INNOVATION BASED ON CLINICAL EVIDENCE LEADS INTO ECONOMIC AND OPERATIONAL BENEFITS

- **Effective Workflow**
  Seperation of acquisition and reading provides time saving for Physicians compared to traditional methods.
- **Early Detection**
  Finding cancers at an early and treatable stage is showing reduced total healthcare costs, especially related to the long term therapy costs.
- **Increased Productivity**
  The innovative and non-invasive product concept combined with marketing implementation support helps to create an incremental patient revenue stream to gain attraction.

BEYOND THE TECHNOLOGY

- **Mastery Program for Physicians** for gathering quick clinical confidence: Extensive , progressive peer-to peer learning modules.
- **Marketing Kit and Implementation support** to create awareness for referring Physicians and tools for patient education and community awareness.

VOLUSON™
A HEALTHIER FUTURE
FOR WOMEN

- **Voluson E10**
- **Voluson E8**
- **Voluson S10 Expert**
- **Voluson S10**
- **Voluson S8**
- **Voluson S6**
- **Voluson P8**
- **Voluson P6**
- **ViewPoint 6**
- **Tricefy**

At GEHC Women's Health Ultrasound, we're committed to creating a healthier future for women. So we create ultrasound solutions that enhance the connection between our clinical partners and their patients, and work relentlessly to break new ground and advance innovation in women's health.

And we do it all with the goal of empowering our partners to provide the kind of exceptional care that will exponentially improve women's lives, and ensure better health for generations.

Products availability may vary from country to country. Check with a GE local representative for detailed information.

Voluson E10

THE EXCELLENCE YOU DEMAND
THE STANDARDS YOU SET

Your women's health practice is where complex cases are the rule, not the exception. Where patients demand your expertise, and trust you for answers. With the Voluson™ E10 you can deliver truly exceptional care – confidently and efficiently – every time – keeping you at the forefront of women's health care. The Voluson E10 encompasses the most advanced imaging capabilities combined with efficiency and security features to help you to provide confident patient answers, faster.

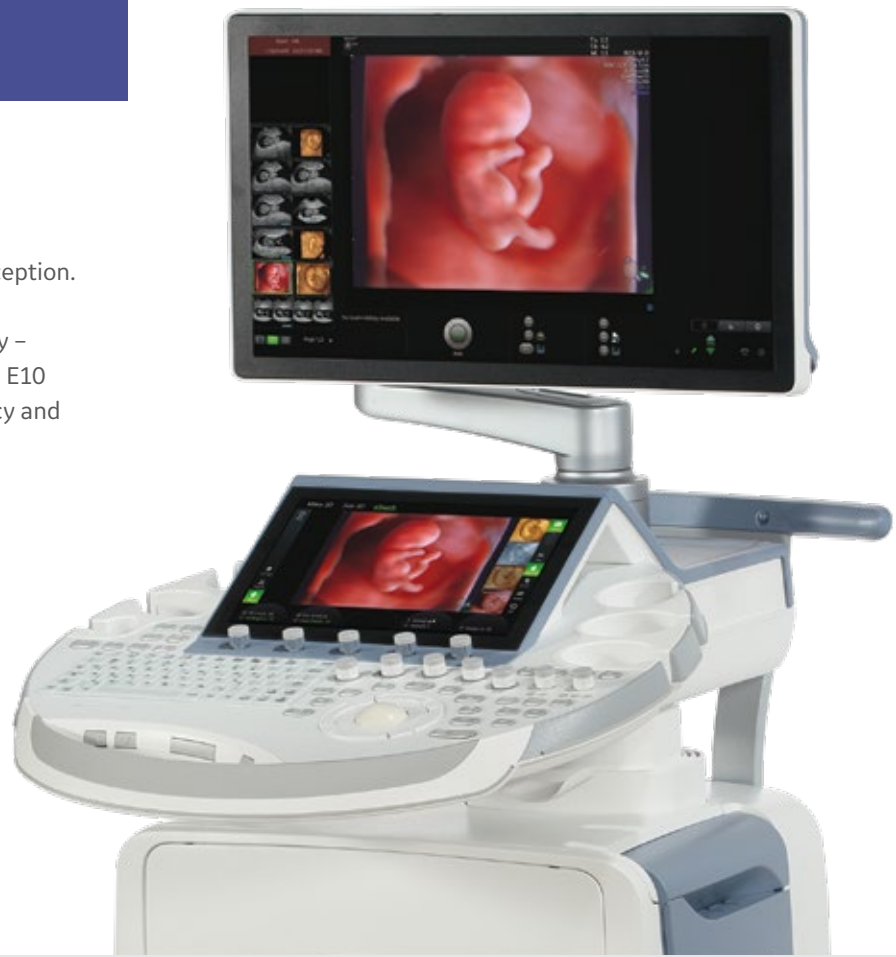
RADIANCE SYSTEM ARCHITECTURE

Display extraordinary image detail through sophisticated beam formation and powerful processing

4x Ultrasound pathways for spectacular 2D and 3D/4D images with increased penetration and clarity

10x Data transfer rate for higher resolution and very fast frame rates

4x Processing power for advanced applications and efficient workflow



FEATURES INCLUDED AS STANDARD:

- High Resolution 23" LCD LED or 22" OLED Display
- Radiance System Architecture
- Advanced 4D
- HD*live*™ Technology
- Advanced VCI
- SonoBiometry
- SonoAVC™*follicle*
- SonoVCAD™*heart*
- Advanced STIC
- *e*STIC
- Advanced Fetal Echo
- *fetal*HQ
- Steerable CW
- Bi-Plane Mode
- Anatomical M-Mode
- Wide Sector
- Coded Contrast Imaging*
- Scan Assistant
- SonoNT™
- SonoIT
- Compression & Shearwave Elastography
- Elastography Analysis
- Elastography Ratio Measurement
- B-Flow™
- Radiant*flow*
- Slow*flow*™
- SonoRender*live*
- Electronic Matrix Array Volume Technology
- High Performance Transvaginal Probe
- Electronic Height Adjustment
- Floating User Interface

* Not for sale in the USA. Not approved or cleared by the U.S. FDA.
Features availability may vary from country to country. Check with a GE local representative for detailed information.

Voluson E8

ADVANCED FEATURES SIMPLIFIED WORKFLOW

As your patient volume increases and your clinical cases become more complex, you will require an ultrasound system that enables you to deliver truly exceptional care –confidently and efficiently –every time. The Voluson™ E8 ultrasound system is designed to keep pace with busy practices –handling routine to complex women's health exams with ease and precision. The premium image quality of the Voluson E8 combined with access to advanced capabilities, delivers the level of performance required by you and your patients.

FEATURES INCLUDED AS STANDARD:

- High Resolution 23" LCD LED Display
- Based on the Radiance System Architecture
- Advanced 4D
- HD*live*™ Silhouette
- HD*live* Studio
- HD*live* Flow and HD*live* Flow Silhouette
- Advanced VCI
- SonoBiometry
- SonoAVC™*follicle*
- SonoVCAD™*heart*
- Advanced STIC
- Steerable CW
- *fetal*HQ
- Anatomical M-Mode
- Wide Sector
- Coded Contrast Imaging*
- Scan Assistant
- SonoNT™
- SonoIT
- Compression & Shearwave Elastography
- Elastography Analysis
- Elastography Ratio Measurement
- B-Flow™
- Radiant*flow*
- SlowFlow™
- SonoRender*live*
- Electronic Height Adjustment
- Floating User Interface
- On Board Archive including Preview and Pre-selection

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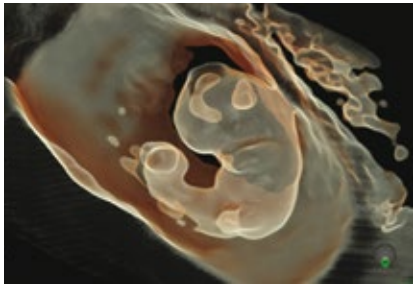
Features availability may vary from country to country. Check with a GE local representative for detailed information.

Voluson S10 Expert

YOUR EXPERTISE, ENHANCED BY INNOVATION.

Handling routine to complex cases, you develop a reputation for excellence in women's health. The Voluson™ S10 Expert helps provide you more of what you need with advanced imaging capabilities, opening new pathways to clinical growth. With the powerful Voluson Core Architecture and access to expert clinical tools, this ultrasound system is as forward-thinking as your practice. Combined with proven innovation and true investment value, the Voluson S10 Expert will keep your practice at the forefront of women's health and empower you to provide the best imaging for the care of your patients.



FEATURES INCLUDED AS STANDARD:

- Lightweight and maneuverable
- High Resolution LCD LED Display 23" inches
- Touchscreen
- 4 Active Probe Ports
- Automatic Optimization
- Auto TGC
- 3D Multiplanar Display
- Realtime 4D
- SonoRender*live*
- HD*live*™ Silhouette
- Advanced VCI with Omniview
- TUI (Tomographic Ultrasound Imaging)
- HD-Flow™
- SonoBiometry
- SonoAVC™
- Sono L&D
- SonoVCAD™*labor*
- SonoVCAD*heart*
- SonoNT™
- SonoIT
- STIC
- Anatomical M-Mode
- Wide Sector (Max Angle)
- Coded Contrast Imaging*
- Elastography with Quantification
- B-Flow™
- Battery Pack
- Sleep Mode – Fast Wake
- Probe Favorites
- 3D Print File Export
- Scan Assistant
- Report Editor
- On Board Archive including Preview and Pre-selection
- Advanced Security Package

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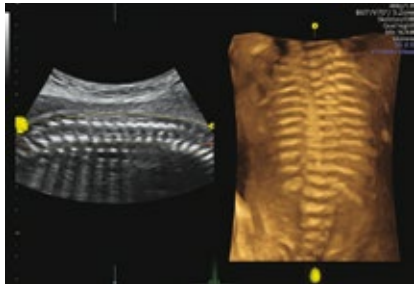
Features availability may vary from country to country. Check with a GE local representative for detailed information.

Voluson S10

YOUR STANDARDS BEYOND YOUR EXPECTATIONS

The range of women's healthcare needs is broad. From maternal and fetal health to gynecological care, the Voluson™ S10 will ensure your practice is ready for any patient and any complexity. Voluson's extraordinary image quality, advanced clinical tools, and intelligent workflow enable high quality, efficient care, even under demanding conditions. The Voluson S10 offers expert capabilities to expand your clinical capabilities and your practice, to build a healthier community.



FEATURES INCLUDED AS STANDARD:

- Lightweight and maneuverable
- High Resolution LCD LED Display 23" inches
- Touchscreen
- 4 Active Probe Ports
- Automatic Optimization
- Auto TGC
- 3D Multiplanar Display
- Realtime 4D
- SonoRender*live*
- HD*live*™
- Advanced VCI with Omniview
- TUI (Tomographic Ultrasound Imaging)
- HD-Flow™
- SonoBiometry
- SonoAVC™
- Sono L&D
- SonoVCAD™*labor*
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- Coded Contrast Imaging*
- Elastography with Quantification
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- Sleep Mode – Fast Wake
- Probe Favorites
- 3D Print File Export
- Scan Assistant
- Report Editor
- On Board Archive including Preview and Pre-selection
- Advanced Security Package

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Features availability may vary from country to country. Check with a GE local representative for detailed information.

Voluson S8

YOUR UNIQUE DEMANDS REQUIRE DISTINCT ANSWERS

Busy practices encounter two truths: time is a limitation and ultrasound is a key imaging tool. With its effortless workflow and superior image quality, the Voluson™ S8 helps you obtain critical answers with clarity and speed to help streamline imaging procedures. Reduce time spent on image acquisition, analysis, and reporting with this vital device's sleek ergonomic design, built-in automation and sophisticated software tools. Spend more time with your patients and your staff, building trust and practice growth.

FEATURES INCLUDED AS STANDARD:

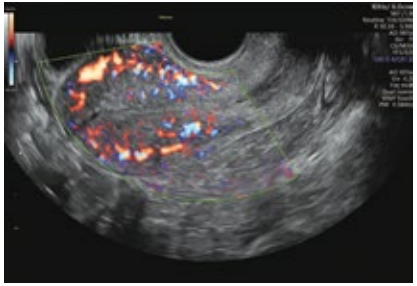
- Lightweight and maneuverable
- High Resolution LCD LED Display 23" inches
- 4 Active Probe Ports
- Automatic Optimization
- Auto TGC
- 3D Multiplanar Display
- Realtime 4D
- SonoRender*live*
- HD*live*™
- Advanced VCI
- TUI (Tomographic Ultrasound Imaging)
- HD-Flow™
- SonoBiometry
- SonoAVC™
- Sono L&D
- SonoVCAD™*labor*
- SonoVCAD*heart*
- SonoNT™
- SonoIT
- STIC
- Anatomical M-Mode
- Wide Sector (Max Angle)
- Coded Contrast Imaging*
- Elastography
- B-Flow™
- Battery Pack
- Sleep Mode – Fast Wake
- Probe Favorites
- 3D Print File Export
- Report Editor
- On Board Archive including Preview and Pre-selection
- Advanced Security Package

* Not for sale in the USA. Not approved or cleared by the U.S. FDA.
Features availability may vary from country to country. Check with a GE local representative for detailed information.

Voluson S6

EXTRAORDINARY VISION FOR WOMEN'S HEALTH

No woman is created equal. From conception to pregnancy, pre-puberty to post menopause, you require an ultrasound that offers clinical excellence, effortlessly. From the intuitive user interface to the built-in automation and advanced software tools, the Voluson™ S6 helps you reduce time spent on image acquisition, analysis, and reporting to help you make the most of every day and every exam.



FEATURES INCLUDED AS STANDARD:

- Lightweight and maneuverable
- High Resolution LCD LED Display 23" inches
- 4 Active Probe Ports
- Automatic Optimization
- 3D Multiplanar Display
- Realtime 4D
- SonoRender*live*
- HD*live*™
- Advanced VCI
- TUI (Tomographic Ultrasound Imaging)
- SonoBiometry
- HD-Flow™
- SonoAVC™*follicle*
- Sono L&D
- SonoVCAD™*labor*
- STIC
- Anatomical M-Mode
- SonoNT*
- SonoIT
- Wide Sector (Max Angle)
- Elastography
- B-Flow™
- Battery Pack
- Report Editor
- On Board Archive including Preview and Pre-selection

Features availability may vary from country to country. Check with a GE local representative for detailed information.

Voluson P8

THE POWERFUL VOLUSON CORE ARCHITECTURE

Simply place the probe to get the information you need, without time-consuming modifications. Built on Voluson™ Core Architecture, the Voluson Performance Series delivers excellent clinical images across all types of patients, quickly and easily.

- Superb clarity and detail resolution in 2D images
- Expand clinical confidence with 3D/4D technology by gaining views not possible with 2D for another anatomical perspective
- Superb sensitivity into anatomy and function with Advanced Color Doppler Consistent imaging even in difficult-to-image patients with exceptional penetration

FEATURES INCLUDED AS STANDARD:

- Lightweight and portable
- 17" High Resolution LED Flat Panel Screen
- Real-Time 4D
- 3D Multiplanar Display
- Wide Sector (Max Angle)
- Beta-View
- Automatic Optimization
- Auto TGC
- CrossXBeam^{CRI}™ (CRI)
- SonoRender*live*
- SonoAVC™*follicle*
- SonoL&D
- SonoNT™
- SonoIT
- SonoBiometry
- Anatomical M-Mode
- HD*live*™
- Battery Pack
- Sleep Mode – Fast Wake
- Probe Favorites
- 3D Print File Export
- Report Editor
- On Board Archive including Preview and Pre-selection
- Advanced Security Package

Features availability may vary from country to country. Check with a GE local representative for detailed information.

Voluson P6

WOMEN'S HEALTH IMAGING SIMPLIFIED

An essential resource in delivering quality women's healthcare is ultrasound. From exceptional image quality to the ease of use and streamlined ergonomics that helps drive efficient workflow, the Voluson™ Performance Series is a cost effective way to join the Voluson family and bring the benefits of high performance ultrasound to your patients. Delivering confident, efficient care across a range of applications including obstetrics and gynecology to labor & delivery, the Voluson Performance Series is well suited for practice growth and demanding patients, operating affordably and reliably for years to come.

FEATURES INCLUDED AS STANDARD:

- Lightweight and portable
- 17" High Resolution LED Flat Panel Screen
- Real-Time 4D
- 3D Multiplanar Display
- Wide Sector (Max Angle)
- Beta-View
- Automatic Optimization
- Auto TGC
- CrossXBeam^{CRI} ™ (CRI)
- SonoRender*live*
- SonoAVC™*follicle*
- SonoL&D
- SonoBiometry
- Battery Pack
- Sleep Mode – Fast Wake
- Probe Favorites
- 3D Print File Export
- Report Editor
- On Board Archive including Preview and Pre-selection
- Advanced Security Package

Features availability may vary from country to country. Check with a GE local representative for detailed information.

ViewPoint 6

STRUCTURED DIAGNOSIS AND ARCHIVING

From conception to delivery, use ViewPoint™ 6's world class reporting and image management solutions for ultrasound throughout your patient's pregnancy. With ViewPoint 6's industry-leading image post-processing tools, and tight integration with your existing IT infrastructure, your workflow can be more streamlined and efficient than ever before.

Tricefy

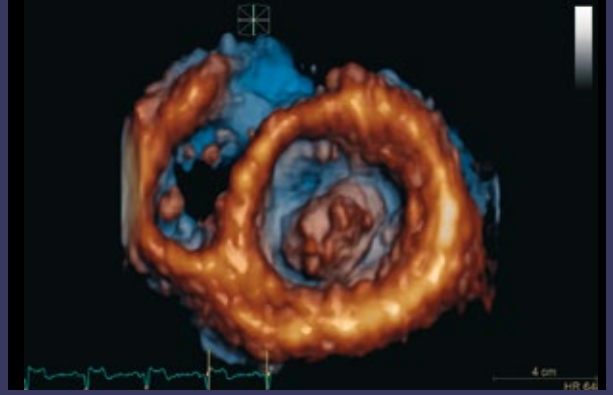
EASILY & SECURELY ARCHIVE AND SHARE IMAGES WHILE SAVING TIME AND MONEY

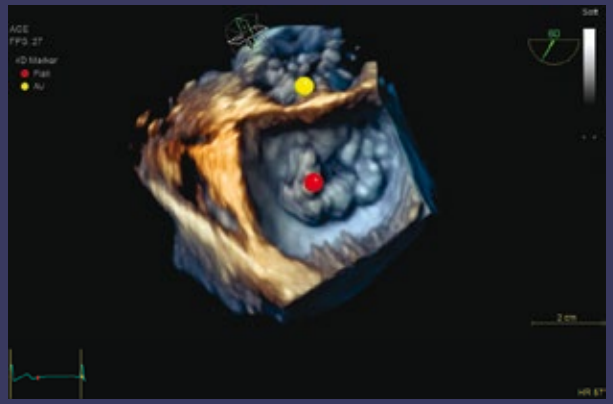
Voluson™ ultrasound systems offer Tricefy™ Inside, an onboard integration with Trice Imaging's secure, cloud-based solution for archiving and sharing ultrasound images, clips and reports.

Tricefy™ trademarks are registered trademarks of Trice Imaging, Inc.

Tricefy is not available in all countries. Please contact your Sales Representative for more information.

CARDIOVASCULAR





In a heartbeat everything changes. The Vivid™ range of ultrasound systems has all the vital signs of a great cardiovascular series.

- Vivid E95
- Vivid E90
- Vivid S70N
- Vivid S60N
- Vivid T9
- Vivid T8
- Vivid iq
- ICE - Intracardiac Echo

Vivid E95

Put your department ahead of the technology curve.

The Vivid™ E95 is a premium 4D cardiovascular ultrasound system designed to help you rise above some of today's complex healthcare challenges.

By combining the proven breadth and performance of the Vivid product line with the cSound powerful, software-based beamformer image reconstruction platform, the Vivid E95 takes 4D ultrasound to a whole new level – potentially helping to reduce non-diagnostic exams and cost of care.

Leveraging artificial intelligence powered by GE Healthcare's Edison platform, we've taken the extraordinary processing capacity of our breakthrough software beamformer, cSound™, to a whole new level.

Edison

Compared to many conventional scanners, the system acquires more information up front, enabling True Confocal Imaging and Adaptive Contrast Enhancement for robust image quality along with many valuable quantification tools and workflow enhancements.

VISUALIZATION

- CT fusion (NEW)
- 4D Markers (NEW)
- cSound™ Software Beamformer
- XDclear™ transducer technology
- Color Flow
- True Confocal Imaging - TCI
- Adaptive Contrast Enhancement - ACE
- Texture
- HD*live*™ Imaging
- 4D Color
- Triplane
- Biplane Tilt/Rotate
- Virtual Apex
- Virtual Convex
- B-Flow™ - Blood Flow Imaging
- Blood Speckle Imaging - BSI
- 4D TEE imaging with Vmax
- View-X
- FlexiZoom
- Anatomical M-Mode

QUANTIFICATION

- AFI 2.0 with View Recognition (NEW)
- Auto EF 2.0 with View Recognition (NEW)
- 4D Auto LAQ (new!)
- AFI Stress
- Tissue Tracking, TSI and Strain
- Myocardial Work
- 4D Strain
- Auto EF
- 4D Auto LVQ
- 4D Auto RVQ
- 4D Auto AVQ
- 4D Auto MVQ
- Intima-Media Thickness Measurement

WORKFLOW

- Cardiac Auto Doppler
- 4D Views
- Auto Align
- 2-Click Crop
- 4D Stress
- Laser Lines
- Scan Assist Pro
- QuickApps
- FlexiViews
- FlexiSlice

Vivid E90

Put your department ahead of the technology curve.

The Vivid™ E90 is a premium 2D cardiovascular ultrasound system designed to help you rise above some of today's complex healthcare challenges, such as helping to reduce non-diagnostic exams.

By combining the proven breadth and performance of the Vivid product line with the cSound powerful, software-based beamformer image reconstruction platform, the Vivid E90 takes ultrasound to a whole new level – potentially helping to reduce non-diagnostic exams and cost of care.

Leveraging artificial intelligence powered by GE Healthcare's Edison platform, we've taken the extraordinary processing capacity of our breakthrough software beamformer, cSound™, to a whole new level.

Edison

Compared to many conventional scanners, the system acquires more information up front, enabling True Confocal Imaging and Adaptive Contrast Enhancement for robust image quality along with many valuable quantification tools and workflow enhancements.

VISUALIZATION

- cSound™ Software Beamformer
- XDclear™ transducer technology
- Color Flow
- True Confocal Imaging - TCI
- Adaptive Contrast Enhancement - ACE
- Texture
- Triplane
- Biplane Tilt/Rotate
- Virtual Apex
- Virtual Convex
- B-Flow™ - Blood Flow Imaging
- Blood Speckle Imaging - BSI
- Anatomical M-Mode

QUANTIFICATION

- AFI 2.0 with View Recognition (NEW)
- Auto EF 2.0 with View Recognition (NEW)
- AFI Stress
- Tissue Tracking, TSI and Strain
- Myocardial Work
- Intima-Media Thickness Measurement

WORKFLOW

- Cardiac Auto Doppler
- Scan Assist Pro
- QuickApps

Vivid S70N

Rising to the needs of a diverse population.

Welcome to the Vivid™ S70N from GE Healthcare – a portable, robust system with 4D TEE capability that takes cardiovascular ultrasound to new heights by potentially helping to reduce non-diagnostic exams and enhancing collaborative care.

By combining the proven breadth and performance of the Vivid product line with the cSound™ powerful, software-based beamformer image reconstruction platform, the Vivid S70N takes ultrasound to a whole new level – delivering excellent image quality in cardiac as well as shared service at an affordable price.

Compared to many conventional scanners, the system acquires more information up front, achieving consistent data across a wide variety of patients while enabling many valuable quantification tools and workflow enhancements that support efficient and confident diagnosis.

VISUALIZATION

- 4D Markers (NEW)
- cSound™ Software Beamformer
- XDclear™ transducer technology
- Color Flow
- 4D Color
- Triplane
- Biplane Tilt/Rotate
- Virtual Apex
- Virtual Convex
- B-Flow™ - Blood Flow Imaging
- View-X
- FlexiZoom
- Anatomical M-Mode

QUANTIFICATION

- AFI 2.0 (NEW)
- Auto EF 2.0 (NEW)
- Tissue Tracking, TSI and Strain
- 4D Auto LVQ
- 4D Auto AVQ
- 4D Auto MVQ
- Intima-Media Thickness Measurement

WORKFLOW

- Cardiac Auto Doppler
- 4D Views
- Auto Align
- 2-Click Crop
- Laser Lines
- Scan Assist Pro
- QuickApps
- FlexiViews

Vivid S60N

Rising to the needs of a diverse population

Welcome to the Vivid™ S60N from GE Healthcare - a portable, robust 2D system that takes cardiovascular ultrasound to new heights by helping reduce non-diagnostic exams.

By combining the proven breadth and performance of the Vivid product line with the cSound™ powerful, software-based beamformer image reconstruction platform, the Vivid S60N takes ultrasound to a whole new level – delivering excellent image quality in cardiac as well as shared service at an affordable price.

Compared to many conventional scanners, the system acquires more information up front, achieving consistent data across a wide variety of patients while enabling many valuable quantification tools and workflow enhancements that support efficient and confident diagnosis.

VISUALIZATION

- cSound™ Software Beamformer
- XDclear™ transducer technology
- Color Flow
- Virtual Apex
- Virtual Convex
- B-Flow™ - Blood Flow Imaging
- Anatomical M-Mode

QUANTIFICATION

- AFI 2.0 (NEW)
- Auto EF 2.0 (NEW)
- Tissue Tracking, TSI and Strain
- Intima-Media Thickness Measurement

WORKFLOW

- Cardiac Auto Doppler
- Scan Assist Pro
- QuickApps
- Smart Stand-by

Vivid T9

NEW

Cardiac and shared services. Together like never before from GE.

The Vivid™ T9, ergonomically-enhanced and ideally designed for cardiovascular practices and Shared Services, combines the established, intelligent cardiac imaging capabilities of GE Vivid systems with exceptional shared services performance of the LOGIQ™ systems.

The result is a truly hybrid cardiovascular ultrasound system that is rugged, reliable, robust, with exceptional ergonomic design, and a rich feature set. And, with three years of comprehensive service coverage, the Vivid T9 system is designed to help enhance the total value of ownership.

VISUALIZATION

- Color Flow
- Virtual Apex
- Virtual Convex
- B-Flow™ - Blood Flow Imaging
- Anatomical M-Mode

QUANTIFICATION

- AFI 2.0 (NEW)
- Auto EF 2.0 (NEW)
- Tissue Tracking, TSI and Strain
- Intima-Media Thickness Measurement

WORKFLOW

- Cardiac Auto Doppler
- Scan Assist Pro
- Smart Stand-by

Vivid T8

Cardiac and shared services. Together like never before from GE.

The Vivid™ T8 combines the established cardiac imaging capabilities of GE Vivid systems with excellent shared services performance of the LOGIQ™ systems.

The result is a truly hybrid cardiovascular ultrasound system that is reliable, robust, and rich with features, yet still affordable and convenient to use. And, with three years of comprehensive service coverage, the Vivid T8 system is designed to help enhance the total value of ownership.

VISUALIZATION

- Color Flow
- Virtual Apex
- Virtual Convex
- B-Flow™ - Blood Flow Imaging
- Anatomical M-Mode

QUANTIFICATION

- AFI 2.0 (NEW)
- Auto EF 2.0 (NEW)
- Tissue Tracking, TSI and Strain
- Intima-Media Thickness Measurement

WORKFLOW

- Cardiac Auto Doppler
- Scan Assist Pro
- Smart Stand-by

Vivid *iq*

Vivid *iq* – Vivid *iq* Premium – Vivid *iq* 4D*
The power to take you places.

PORTABLE. POWERFUL. IN TOUCH.

Vivid™ *iq* delivers a combination of portability and power that fits right in with your needs – wherever your journey takes you. It's the next step forward from the partner who defined the high-end compact category ... and continues to innovate to help you adapt to changing challenges.

Where will Vivid *iq* take you?

ECHO LAB

Physicians expect exceptional imaging. The administration demands efficiency. And patients deserve excellent care. All at today's increasing patient volumes. Count on Vivid *iq*'s combination of power and portability to help you achieve the speed and quality in echo this environments demands.

INTERVENTIONAL CARDIOLOGY

Positive interventional outcomes begin with detailed TTE, 4D TEE and ICE imaging. With Vivid *iq*, accurate and actionable answers about your patients' anatomy and function are always close at hand.

ICU/CCU

Physicians expect exceptional imaging and performance during portables in critical care settings. Vivid *iq* can help to meet the needs within the ICU and CCU with its small footprint, allowing for minimal space.

* The Vivid *iq* Premium and the Vivid *iq* 4D are configurations of the Vivid *iq*.

ICE - Intracardiac Echo

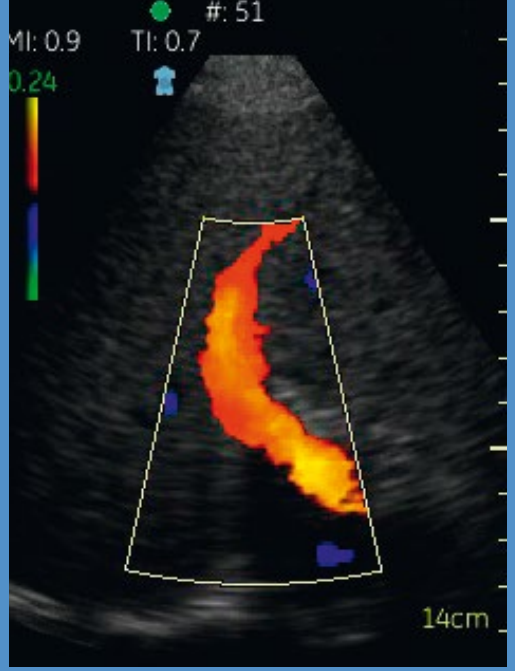
ICE – Intracardiac Echo.

Navigate complex interventional and EP procedures with confidence with the industry's leading ICE (Intra Cardiac Echo) real-time image-guidance technology – always available right in your lab – now on Vivid *iq* and Vivid S70N/S60N.

- 8 Fr or 10 Fr Longitudinal Phased Array transducer technology
- 4.5 to 11.4 MHz broadband frequency
- 2 planes of bi-directional
  - steering anterior/posterior
  - left/right
- 160 degree, for precise positioning
- 2D Imaging
- AFI
- Auto EF
- Color Doppler, Spectral Doppler
- Tissue Velocity Imaging (TVI)
- Tissue Tracking
- Tissue Synchronization Imaging (TSI)

"AcuNav" is a TM of Siemens Medical Solutions USA Inc.

VSCAN FAMILY



Vscan Extend

Vscan with Dual Probe

Image with ease, anywhere*.

*See the operator manual for appropriate environmental conditions for use.

Vscan Extend[1,2]

Handheld, pocket-sized ultrasound. Empowering you in that critical moment.

Vscan Extend™ is a handheld, pocket-sized ultrasound system that empowers healthcare professionals to make focused assessments and accelerate treatment decisions at the point of care. It fits in the palm of your hand and is easy to use like a smartphone, helping you take decisive action, refer patients quickly, optimize the course of treatment and reduce the overall cost of care.

[1] Source: https://www.gehealthcare.com/en/products/ultrasound/vscan-family/vscan-extend
[2] Changes compared to previous version: there are more apps now

Apps that extend your power

Customize your Vscan Extend with apps to expand your diagnostic capabilities and fit the care areas you serve. It's the first GE ultrasound system to leverage the GE Marketplace to enrich your diagnostic power.

More power in your pocket with new apps

- **Scan Coach FATE**
- **Scan Coach RHD**
- **Scan Coach FCU**
- **Bladder Volume** V 1.3.1
- **Lung M-Mode**
- **LVivo EF**
- **Lung Protocol** V 1.7.1
- **Auto Optimize** V 1.0.1
- **Screen Mirror** V 1.0.1
- **Comprehensive Label** V 1.0.0
- **Protocol Creator** V 1.0.1
- **Tricefy Uplink** V 4.1.0

... stay tuned! More apps to come ...

The device has been verified for limited use outside of professional healthcare facilities including during transport. Use is restricted to environmental properties described in the user manual, please contact your GE Healthcare sales representative for detailed information

Vscan with Dual Probe

Dual Vision. Let's take a look.

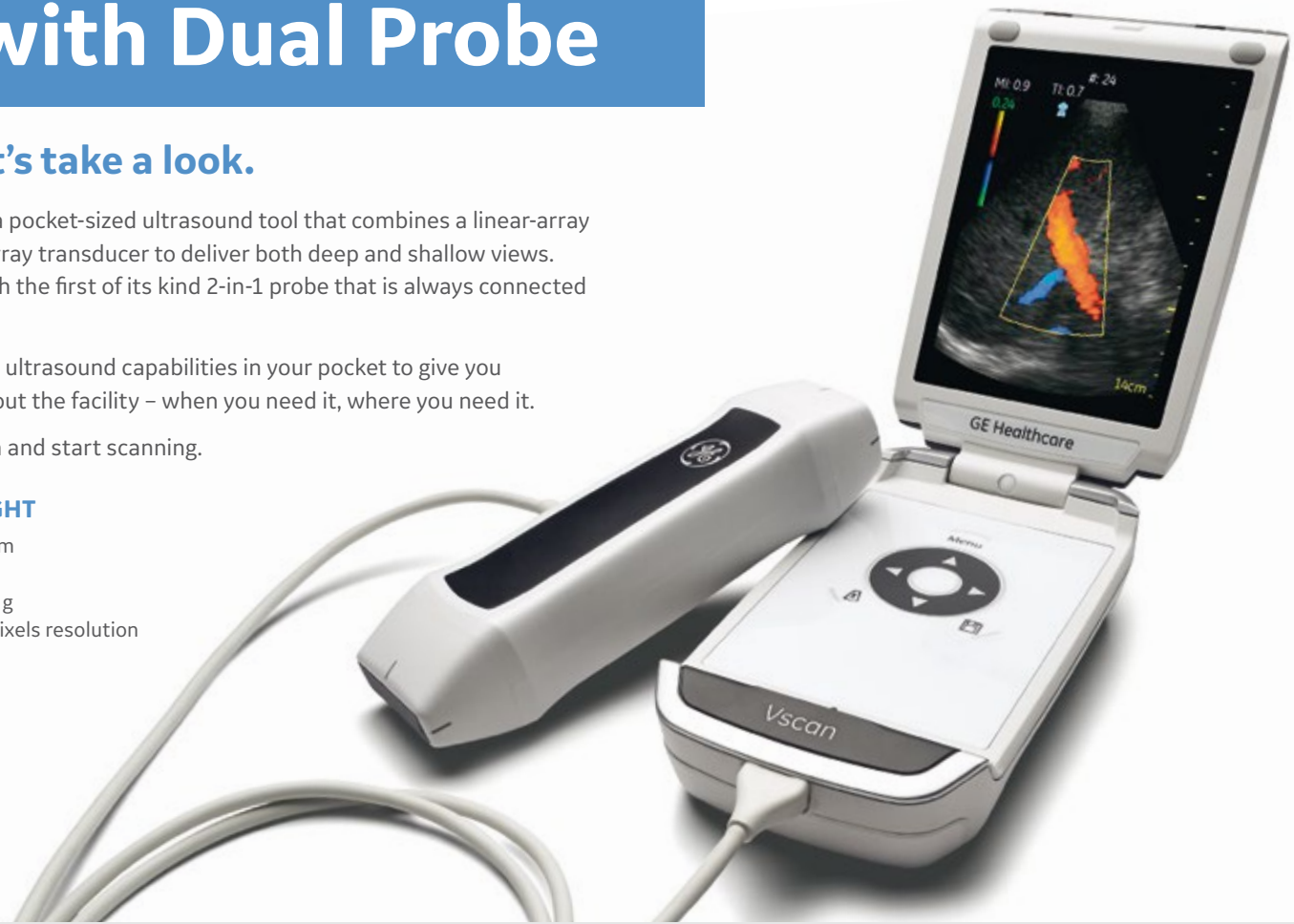
Vscan™ with Dual Probe is a pocket-sized ultrasound tool that combines a linear-array transducer and a phased-array transducer to deliver both deep and shallow views. The system is equipped with the first of its kind 2-in-1 probe that is always connected and ready to scan.

Vscan with Dual Probe puts ultrasound capabilities in your pocket to give you convenient access throughout the facility – when you need it, where you need it.

Just flip it open to turn it on and start scanning.

DIMENSIONS AND WEIGHT

- Display unit: 135 x 73 x 28 mm
- Probe: 129 x 39 x 28 mm
- Weight (unit and probe): 436 g
- Display: 3.5 inch, 240 x 320 pixels resolution



Vscan with Dual Probe

USER INTERFACE

- The navigation wheel provides an intuitive user interface with minimal manual controls
- AutoOptimize adjusts gain for all depths automatically
- AutoCycle automatically detects full heart cycle for easy and fast review or storage
- Presets simplify optimized settings for imaging different organs
- Voice recordings can be stored as part of each examination – loudspeaker allows replay from device

TRANSDUCER

Phased array transducer for deep scanning

- Field-of-view for black and white imaging: up to 75 degrees with maximum depth of 24 cm
- The color flow sector represents blood flow within an angle of 40 degrees
- Broad-bandwidth phased array: from 1.7 to 3.8 MHz

Linear array transducer for shallow scanning

- Field-of-view for black and white imaging: aperture width of 2.9 cm with maximum depth of 8 cm
- The color flow sector represents blood flow over image with full aperture and entire depth
- Broad-bandwidth linear array: from 3.4 to 8.0 MHz

Calling Ultrasound Healthcare Professionals –

Join Our Network

At GE Healthcare we understand that staying ahead in your profession goes beyond investing in state-of-the-art ultrasound equipment. It involves staying informed about the latest scientific breakthroughs, building professional networks amongst your peers, and keeping abreast of best practices in your field.

When you invest in ultrasound equipment from GE Healthcare you are automatically eligible to join one of the five GE communities of ultrasound professionals: Voluson™ Club, LOGIQ™ Club, Vivid™ Club, Versana Club and ABUS Club are networks of healthcare professionals, each dedicated to clinical excellence in ultrasound diagnostics in the fields of OB/Gyn, radiology and cardiology. Membership is free and club benefits are available to members free of charge.

Club benefits include clinical courses and lectures run by luminaries in your field and special events hosted by GE during international congresses, giving you the chance to discuss and exchange information with fellow ultrasound professionals worldwide. Add to this the five dedicated club websites - providing exclusive access to clinical news, publications and regular newsletters, product updates and special offers – and the benefits are clear.

GE ULTRASOUND CLUBS

www.logiqclub.net

www.volusonclub.net

www.vividechoclub.net

www.abusclub.net

www.versanaclub.net

We look forward to welcoming you.

International Academy of Medical Ultrasound

The International Academy of Medical Ultrasound is the educational center for ultrasound applications in General Imaging, Cardiology, OB/Gyn and Point of Care Ultrasound.

The IAMU helps physicians to familiarize themselves with the latest ultrasound applications, and to learn how they are used in modern medical practice to boost diagnostic accuracy, efficiency and clinical output.

Today, the IAMU runs more than 150 training courses in multiple languages throughout Europe every year. Innovation drives us, and we are constantly looking at new ways to deliver training & education to our customers. Visit the IAMU online courses via our Ultrasound Club websites. Some courses are limited to registered club members only, others are publicly available, with no need for registration.

The online courses are constantly being updated and expanded, so make sure you stop by regularly for the latest news and updates.

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Imagination at work

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