

Технические характеристики

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5300 series

Premium compact ultrasound system

Philips Compact Ultrasound System 5000 Series brings full functionality and quick, confident answers to you, wherever you are. Designed for the many different clinical environments in general imaging, point-of-care, and obstetrics and gynecology, the Philips Ultrasound 5300 models offers a feature-rich cores and a versatile range of diagnostic solutions – all built into a highly mobile, cleanable, easy-to-use systems.



Features



Exceptional image quality

Clear images offer first-scan answers that quickly inform and confirm your diagnosis and decrease the need for costly and time-consuming rescans.



Streamlined workflow

With premium-level clarity available in a compact size, you can scan more patients, and also quickly and confidently diagnose patients regardless of the clinical setting



Uncompromised growth

Sharing the architecture of the Philips EPIQ and Affiniti ultrasound systems, the 5000 Compact series ultrasound systems are part of a solution that can be built over time, staying at the cutting edge with upgrades as your needs evolve.



Shared user interfaces and workflow with EPIQ and Affiniti systems

Offering consistency across EPIQ and Affiniti systems, the Philips Compact Ultrasound System 5000 series shares DNA – user interfaces, features, touchscreens, and workflow. With standardized workflow comes increased efficiencies, including more exams in less time.



Collaboration Live

Connect or collaborate with colleagues or support teams to consult on complex exams, enable standardized care, maintain proficiency on your ultrasound system and access real-time applications and technical expertise at any time.

Advanced capabilities

Known for innovation, Philips packs advanced capabilities and cutting-edge technologies into every ultrasound system for the features you need to facilitate a definitive diagnosis across a variety of clinical applications

Specifications

Compact System

Width	411.9 cm/16.2 in
Height	86.6 cm/3.4 in
Depth	406.6 cm/16.0 in
Weight	10.57 kg/23.3 lb including internal battery
Monitor	15.6" 1920x1080 LCD panel
Power	100-140 V, ~50-60 Hz, 250 VA
AC adapter	Input: 100-240 VAC, 50/60 HZ Output: 24 VDC @ 250 W
Power consumption	310 VA
System battery	14.4 VDC. 98 WH
AUX display port	1920x1080 resolution
Connectors	Ethernet and two USB 3.0 connectors

Compact Cart

Cart base	488.8 mm x 488.8 mm (19.2" x 19.2")
Vertical adjustment	820-1001 mm (32.2"-39.3")
Wheels	Four 5" locking swivel wheels rear two wheels include steering lock mechanism
Other specification details	Integrated Ethernet connector Integrated keyboard in slide out drawer Probe holders on both sides to accommodate up to four transducers Three storage bins provided, large, small and rear handle tray Two USB connectors
Power consumption	660 VA max depending on system configuration
Standard cart	Input: 100-240 VAC, 50/60 Hz Integrated AC adapter in bottom compartment Integrated keyboard in slide-out drawer Output: 24 VDC @ 250 W
Extended cart	Input: 100-240 VAC, 50/60 Hz Integrated keyboard in slide-out drawer Output: 24 VDC @ 250 W + 5 V @ 1 W Three batteries to provide additional scanning time
Deluxe cart	Input: 100-240 VAC, 50/60 Hz Integrated keyboard in slide-out drawer Multiport adapter provides ports for attaching up to three imaging transducers Output: 24 VDC @ 250 W + 5 V @ 1 W Three batteries to provide additional scanning time
Premium cart	Input: 100-240 VAC, 50/60 Hz Integrated keyboard in slide-out drawer

Multiport adapter provides ports for attaching up to three imaging transducers

Output: 24 VDC @ 250 W + 5 V @ 1 W

Small profile B/W video printer

Three batteries to provide additional scanning time

5500 series

Premium compact ultrasound system

Philips Compact Ultrasound System 5000 Series brings full functionality and quick, confident answers to you, wherever you are. Designed for the many different clinical environments in general imaging, point-of-care, and obstetrics and gynecology, the Philips Ultrasound 5500 models offers a feature-rich core and a versatile range of diagnostic solutions – all built into a highly mobile, cleanable, easy-to-use systems.



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Integrated keyboard in slide-out drawer

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Small profile B/W video printer

Three batteries to provide additional scanning time

EPIQ CVxi

Premium interventional cardiology ultrasound system

EPIQ CVxi is a new direction for interventional echo guidance, featuring a premium level of clinical performance across a wide range of patients and interventional procedures to meet the challenges of today's demanding practices. It enables the visualization and the control of the new EchoNavigator R3, directly on the system, providing a new streamlined workflow experience of live fusion imaging.

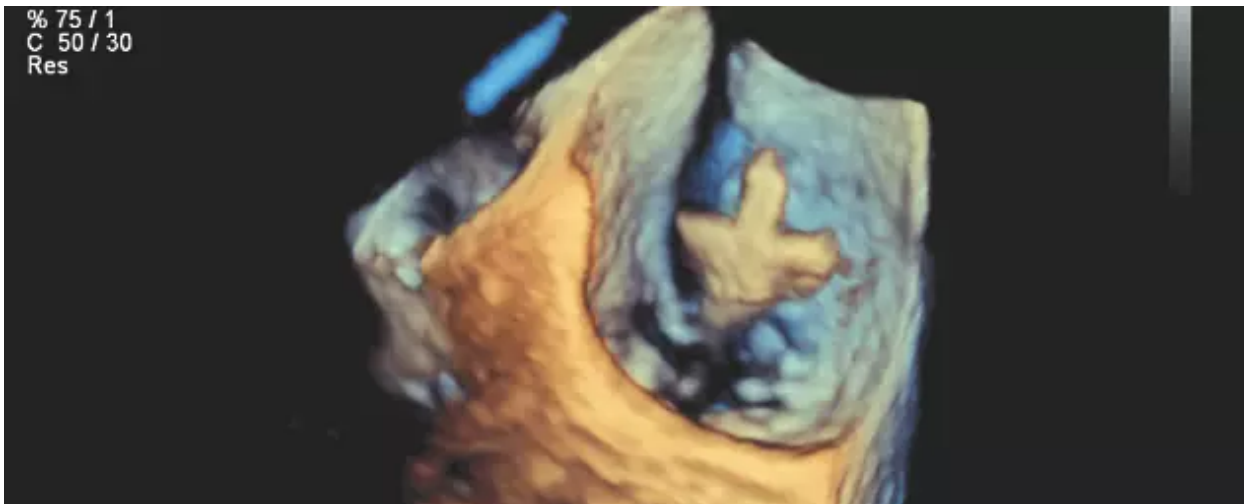


Features



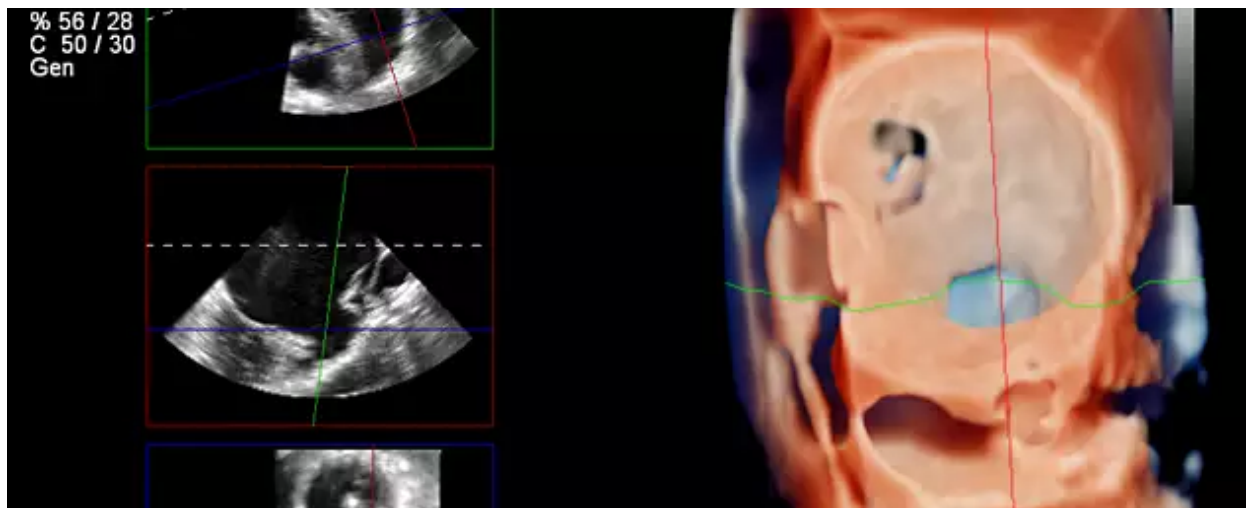
EchoNav R3 – intuitively fusing live X-ray and live echo

Get greater insight and confidence in finding and treating the problem during CHD and SHD procedures through SmartFusion. EchoNavigator R3 automatically fuses live 3D TEE and live X-ray in real time so you can intuitively guide your device in the 3D space more quickly.



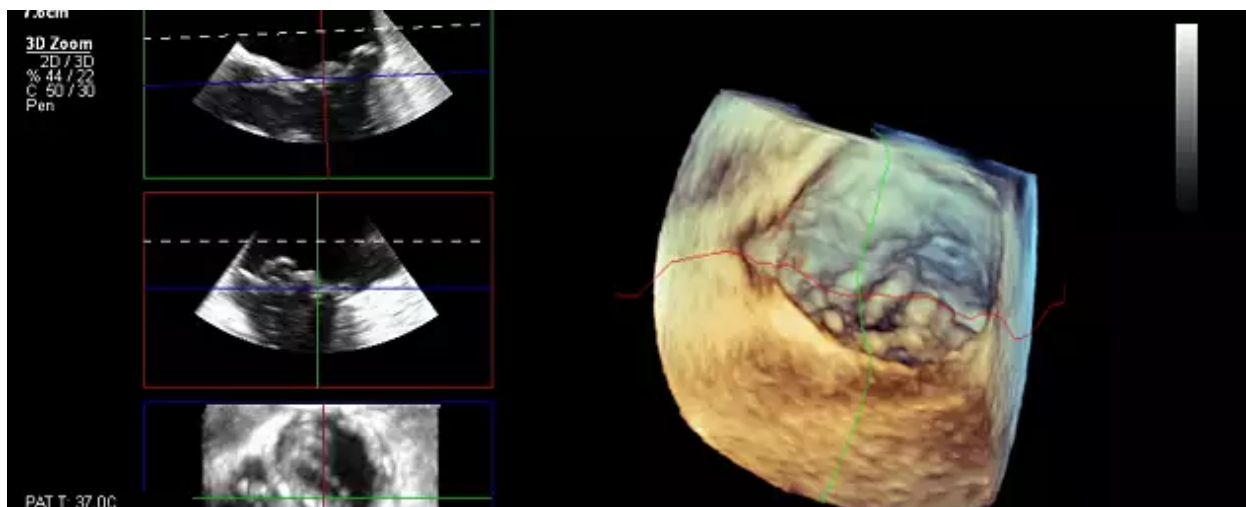
X8-2t Designed for next-generation Live 3D Tee

The acoustic design of the Philips X8-2t Live 3D transesophageal transducer provides higher frequencies and bandwidth for increased resolution and tissue filling in 2D and Live 3D. It brings true one-beat acquisitions and our highest volume rates in Live 3D and Live 3D colour flow without compromise to image quality. Its handle is designed with a real-time configurable function button allowing for additional functionality while imaging.



Cardiac TrueVue

For better visualisation of interventional devices, Philips cardiology TrueVue, with its virtual light source, is a proprietary and advanced 3D ultrasound display method. TrueVue makes it simpler to visualise the location of catheters and devices by providing images with tissue detail and depth perception. Since it offers a viewing context for the echo images, caregivers in the interventional suite can rely on support when communicating complicated echo images and enhance their procedural confidence.



Multivue Designed for informative images

During an interventional procedure, MultiVue on the Philips EPIQ CVx provides you with one-click cropping of Live 3D images, and one-click alignment of the catheter within the cardiology anatomy. This helps you provide the right image at the right moment, or to make faster 3D measurements, for example for device sizing during mitral valve repair. 94% of clinicians* who saw the new EPIQ CVx thought the EPIQ MultiVue alignment tool could help reduce the risk of choosing an incorrectly sized device during interventional procedures**.



A screen built to be seen

The 22-inch, 2nd generation OLED monitor on the Philips EPIQ CVxi gives you an image 38% larger than traditional ultrasound image with no loss of resolution. As well as a 180° viewing angle, it also delivers a greater dynamic range, and a wider colour range over its predecessor. This enhances your view of side-by-side, colour compare, xPlane, Live 3D, and MPRs even in bright environments like the cath lab.



A user interface designed for cardiovascular challenges

To keep your most-used controls where you want them, the Philips EPIQ CVxi has a user-configurable layout of the controls you've told us are most meaningful to you, and a tablet-like interface, letting you pinch, zoom and rotate even your 3D datasets. 86% of clinicians* who saw the new EPIQ CVxi thought that the new cardiac user interface would help make ultrasound guided procedures more streamlined**.

Specifications

System dimensions

Width	60.6 cm
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Height	146-171.5 cm
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Depth	109.2 cm
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Weight	104.3 kg
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Control panel

Monitor size	54.6 cm
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Degrees of movement	180 degrees
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Height adjustment	25.4 cm
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EPIQ CVx/CVxi is available in selected countries. Please consult your Philips representative for further details.

*Based on responses from 38 respondents.

**Results obtained during user demonstrations performed in December 2017 with the EPIQ CVx and the iE33 systems. The research was designed and supervised by Use-Lab GmbH, an independent and objective engineering consultancy and user interface design company. The tests involved 42 clinicians from 17 countries. The various types of cardiac customer segments represented were adult diagnostics and interventional, adult diagnostics, and pediatric diagnostics and interventional.

EPIQ 7

Ultrasound system for radiology

EPIQ 7 features an uncompromised level of clinical performance to meet the challenges of today's most demanding general imaging practices.



Features



Anatomical Intelligence for Breast

Philips AI Breast is an integrated solution for whole breast ultrasound. AI Breast offers screening, diagnostic, and workflow benefits utilizing Philips unique Anatomical Intelligence. Designed with both the user and patient in mind, AI Breast allows the ultrasound scan room to be utilized for a full range of examinations without additional obtrusive hardware.



TrueVue advanced 3D display

Philips TrueVue advanced 3D ultrasound display delivers amazing lifelike 3D images. TrueVue, with its internal light source gives clinicians the ability to manipulate light and shadow anywhere in the 3D volume.



MaxVue high definition display

At the touch of a button, MaxVue high-definition display brings extraordinary visualization of anatomy with 1,179,648 additional image pixels compared to a standard 4:3 display format mode. MaxVue enhances ultrasound viewing and provides 38% more viewing area to optimize the display of dual, side/side, biplane, and scrolling imaging modes.

xMATRIX for leading-edge ultrasound transducer technology

No other premium ultrasound system can run the complete suite of the world's most innovative ultrasound transducers. With the touch of a button, xMATRIX offers all modes in a single transducer: 2D, 3D/4D, Live xPlane, Live MPR, MPR, Doppler, color Doppler, and CPA.

PureWave Imaging for technically difficult patients

Philips exclusive PureWave crystal technology is clinically proven to improve penetration in difficult-to-image patients. The pure, uniform PureWave crystals are up to 85% more efficient than conventional materials, resulting in exceptional performance. This technology allows for improved penetration and excellent detailed resolution.

nSIGHT Imaging is a totally different approach to ultrasound

Philips proprietary nSIGHT Imaging architecture is a totally different approach to forming ultrasound images. Unlike conventional systems that form the image line by line, nSIGHT creates images with optimal resolution down to the pixel level. nSIGHT Imaging incorporates the use of a precision beamformer along with powerful massive parallel processing. This extraordinary architecture captures an enormous amount of acoustic data and then reconstructs in real time optimally focused beams, creating precise resolution for every pixel in the image.

Anatomical Intelligence turns images into answers

EPIQ's architecture supports the Philips exclusive Anatomical Intelligence Ultrasound (AIUS),

designed to elevate the ultrasound system from a passive to an actively adaptive device. With advanced organ modeling (with xMATRIX technology), and proven quantification, exams are easy to perform, more reproducible, and deliver new levels of clinical information. AIUS ranges from automating repetitive steps to full, computer-driven analysis with minimal user interaction - all using anatomic intelligence and all providing the results you need.

Fast and effective image fusion and needle navigation

Make confident decisions even in challenging diagnostic cases with new fully integrated fusion capabilities that feature streamlined workflow to allow clinicians to achieve fast and effective fusion of CT/MR/PET with live ultrasound. By combining imaging modalities directly on the ultrasound system, you now have access to an even more powerful diagnostic tool with advanced visualization allowing for fast clinical decisions.

Shear wave elastography simplifies liver disease assessment

Simplify liver assessment with non-invasive tools. Obtaining liver stiffness measurements with Philips shear wave elastography is surprisingly fast and easy even on difficult-to-image patients. It is non-invasive, making it a quick, simple step for sonographers and virtually painless for patients.

MicroCPA for exceptional small vessel visualization

Obtaining flow information in small low-flow vascular structures has traditionally been a challenge. With EPIQ's new MicroCPA feature, visualization of low velocity micro circulation is quick and simple, giving you more diagnostic confidence when evaluating organ perfusion or small vascular beds.

Advanced user experience

With the EPIQ 7, Philips has completely reinvented the premium ultrasound user experience. Ease of use, workflow, ergonomics, and mobility all come together. We've revolutionized how you interact with your ultrasound system from every standpoint, and kept it beautifully intuitive and very quiet.

iSCAN for automatic image optimization

Real Time iSCAN (AutoSCAN) automatically optimizes gain and TGC to continuously provide a high-quality image.

Excellent ergonomics may help reduce repetitive stress injuries

EPIQ's extended-range control panel and monitor can be articulated for proper ergonomic alignment whether sitting or standing. The large 21" wide screen monitor facilitates easy viewing in virtually any environment. EPIQ has four transducer connectors with ambient lighting for ease

in transducer selection during an exam.

Tablet-like touch interface for easier navigation

Navigate quickly to system functions with the tablet-like touch interface, with 40% less reach and 15% fewer steps to complete an exam.

Amazing mobility helps you do studies everywhere

EPIQ is the lightest ultrasound machine in its class; it's easily transported on both carpet and tile. Place it in sleep mode, move it and boot up in seconds. The monitor folds down to reduce overall system height for transport, and the integrated cable hooks and catch tray are ideal for mobile studies.

Multimodality DICOM is integrated for easy reviewing

View DICOM images such as CT, NM, MRI, mammography, and ultrasound on your EPIQ system. Easily compare past and current studies without the use of an external reading station, and even review these Multimodality images while live imaging. Capture side-by-side comparison images as part of the exam documentation.

Library quiet for small examination rooms

EPIQ 7 is almost silent when running. A noise test determined that EPIQ 7 runs at 37-41 dB, which is equivalent to the sound of a library. This is extremely welcome in small scanning/examination rooms.

Specifications

System dimensions

Width 60.6 cm

Height 146-171.5 cm

Depth 109.2 cm

Weight 104.3 kg

Control panel

Monitor size	54.6 cm
Degrees of movement	180 degrees
Height adjustment	25.4 cm

EPIQ 7

Ultrasound system for cardiology

EPIQ 7 features an uncompromised level of clinical performance to meet the challenges of today's most demanding cardiology practices.



Features



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Control panel

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Degrees of movement	180 degrees
Height adjustment	25.4 cm

EPIQ 7

Ultrasound system for obstetrics and gynecology

EPIQ 7 features an uncompromised level of clinical performance to meet the challenges of today's most demanding obstetrical and gynecological practices.



Features



TrueVue advanced 3D display

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Superb imaging during all trimesters

EPIQ 7's suite of sophisticated transducers meets the needs of your most challenging gynecological surveys and first through third trimester exams.

nSIGHT Imaging is a totally different approach to ultrasound

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EPIQ 7

Ultrasound system for hepatology

EPIQ 7 features an uncompromised level of clinical performance to meet the challenges of today's most demanding hepatology practices.



Features



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At the touch of a button, MaxVue high-definition display brings extraordinary visualization of anatomy with 1,179,648 additional image pixels compared to a standard 4:3 display format mode. MaxVue enhances ultrasound viewing and provides 38% more viewing area to optimize the display of dual, side/side, biplane, and scrolling imaging modes.

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Multimodality DICOM is integrated for easy reviewing

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Library quiet for small examination rooms

EPIQ 7 is almost silent when running. A noise test determined that EPIQ 7 runs at 37-41 dB, which is equivalent to the sound of a library. This is extremely welcome in small scanning/examination rooms.

Specifications

System dimensions

Width	60.6 cm
Height	146-171.5 cm
Depth	109.2 cm
Weight	104.3 kg

Control panel

Monitor size	54.6 cm
Degrees of movement	180 degrees
Height adjustment	25.4 cm

EPIQ 7

Ultrasound system for vascular

EPIQ 7 features an uncompromised level of clinical performance to meet the challenges of today's most demanding vascular practices.



Features



MaxVue high definition display

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xMATRIX for leading-edge ultrasound transducer technology

No other premium ultrasound system can run the complete suite of the world's most innovative ultrasound transducers. With the touch of a button, xMATRIX offers all modes in a single transducer: 2D, 3D/4D, Live xPlane, Live MPR, MPR, Doppler, color Doppler, and CPA.

PureWave Imaging for technically difficult patients

Philips exclusive PureWave crystal technology is clinically proven to improve penetration in difficult-to-image patients. The pure, uniform PureWave crystals are up to 85% more efficient than conventional materials, resulting in exceptional performance. This technology allows for improved penetration and excellent detailed resolution.

TCD fusion combines multi-modality images

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MicroCPA for exceptional small vessel visualization

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iSCAN for automatic image optimization

Real Time iSCAN (AutoSCAN) automatically optimizes gain and TGC to continuously provide a high-quality image.

Advanced user experience

With the EPIQ 7, Philips has completely reinvented the premium ultrasound user experience. Ease of use, workflow, ergonomics, and mobility all come together. We've revolutionized how you interact with your ultrasound system from every standpoint, and kept it beautifully intuitive and very quiet.

Excellent ergonomics may help reduce repetitive stress injuries

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EPIQ 5

Ultrasound system for radiology

EPIQ 5 is the new direction for premium ultrasound, featuring an uncompromised level of clinical performance to meet the challenges of today's most demanding general imaging practices.



Features



Anatomical Intelligence for Breast

Philips AI Breast is an integrated solution for whole breast ultrasound. AI Breast offers screening, diagnostic, and workflow benefits utilizing Philips unique Anatomical Intelligence. Designed with both the user and patient in mind, AI Breast allows the ultrasound scan room to be utilized for a full range of examinations without additional obtrusive hardware.



TrueVue advanced 3D display

Philips TrueVue advanced 3D ultrasound display delivers amazing lifelike 3D images. TrueVue, with its internal light source gives clinicians the ability to manipulate light and shadow anywhere in the 3D volume.



MaxVue high definition display

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Fast and effective image fusion and needle navigation

Make confident decisions even in challenging diagnostic cases with new fully integrated fusion

capabilities that feature streamlined workflow to allow clinicians to achieve fast and effective fusion of CT/MR/PET with live ultrasound. By combining imaging modalities directly on the ultrasound system, you now have access to an even more powerful diagnostic tool with advanced visualization allowing for fast clinical decisions.

Shear wave elastography simplifies liver disease assessment

Simplify liver assessment with non-invasive tools. Obtaining liver stiffness measurements with Philips shear wave elastography is surprisingly fast and easy even on difficult-to-image patients. It is non-invasive, making it a quick, simple step for sonographers and virtually painless for patients.

MicroCPA for exceptional small vessel visualization

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EPIQ 5

Ultrasound system for cardiology

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Features



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Anatomical Intelligence turns images into answers

EPIQ's architecture supports the Philips exclusive Anatomical Intelligence Ultrasound (AIUS), designed to elevate the ultrasound system from a passive to an actively adaptive device. With advanced organ modeling (with xMATRIX technology), and proven quantification, exams are easy to perform, more reproducible, and deliver new levels of clinical information. AIUS ranges from automating repetitive steps to full, computer-driven analysis with minimal user interaction - all using anatomic intelligence and all providing the results you need.

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EPIQ 5

Ultrasound system for obstetrics and gynecology

EPIQ 5 is the new direction for premium ultrasound, featuring an uncompromised level of clinical performance to meet the challenges of today's most demanding women's health care practices.



Features



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Superb imaging during all trimesters

EPIQ's suite of sophisticated transducers meets the needs of your most challenging gynecological surveys and first through third trimester exams.

PureWave Imaging for technically difficult patients

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EPIQ 5

Ultrasound system for vascular

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EPIQ 5

Ultrasound system for hepatology

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Lumify

Exceptional portable ultrasound from your Android device

A breakthrough in point-of-care imaging. Philips Lumify combines transducers and an ultrasound app to bring diagnostic capabilities to your compatible smart phone and tablet. Acquire critical clinical data quickly and easily in more POC scenarios: emergency medicine, critical care, bedside, and office practice.

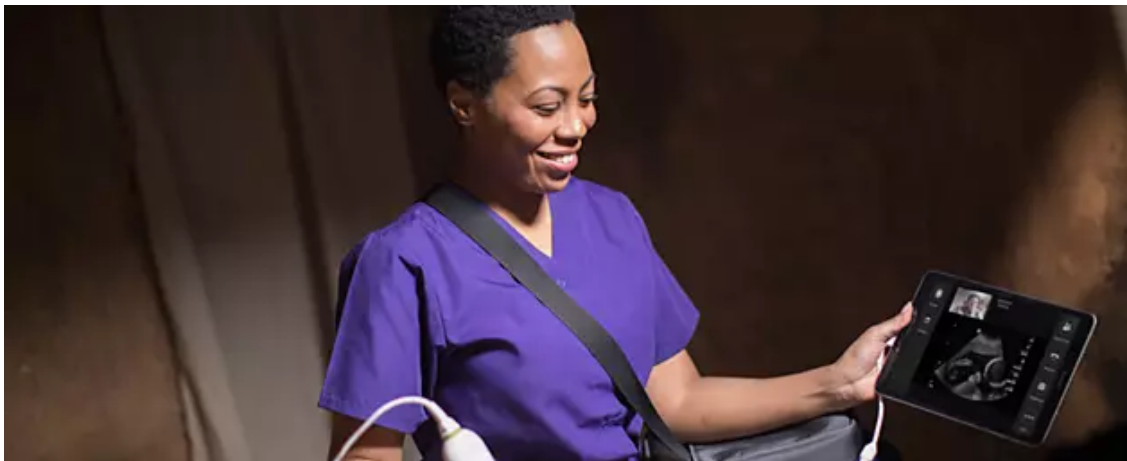


Features



Exceptional image quality

Decades of expertise and innovation in ultrasound imaging quality enable you to make more fast, confident decisions.



Ob/Gyn exams

The OB/GYN preset optimization uses tissue harmonic imaging to enhance delineation of fluid filled areas and detailed tissue visualization. This preset is available on the C5-2 and S4-1 transducers.



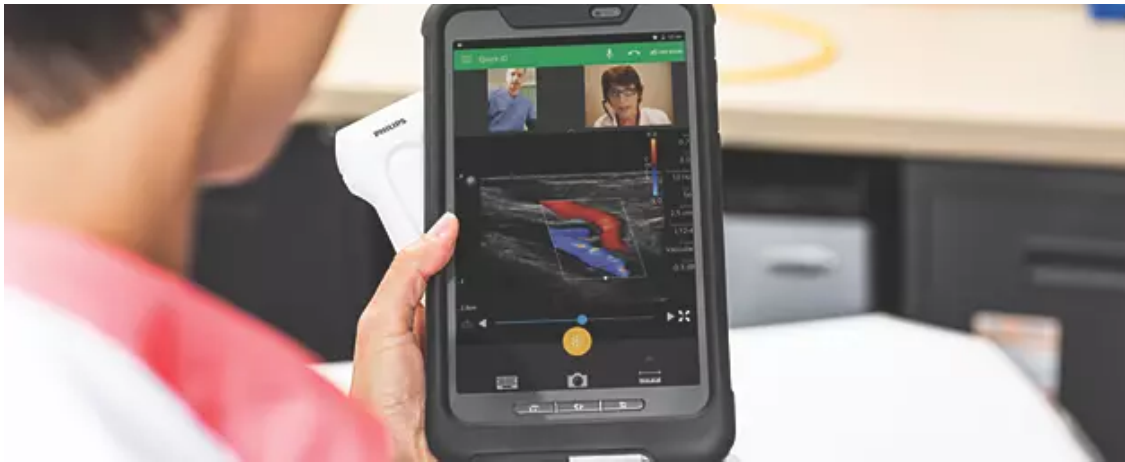
Lung imaging

The Lung preset is optimized to highlight the artifacts commonly seen in lung imaging and enables easy visualization of lung sliding at the pleural interface. The Lung preset is supported on all Lumify transducers.



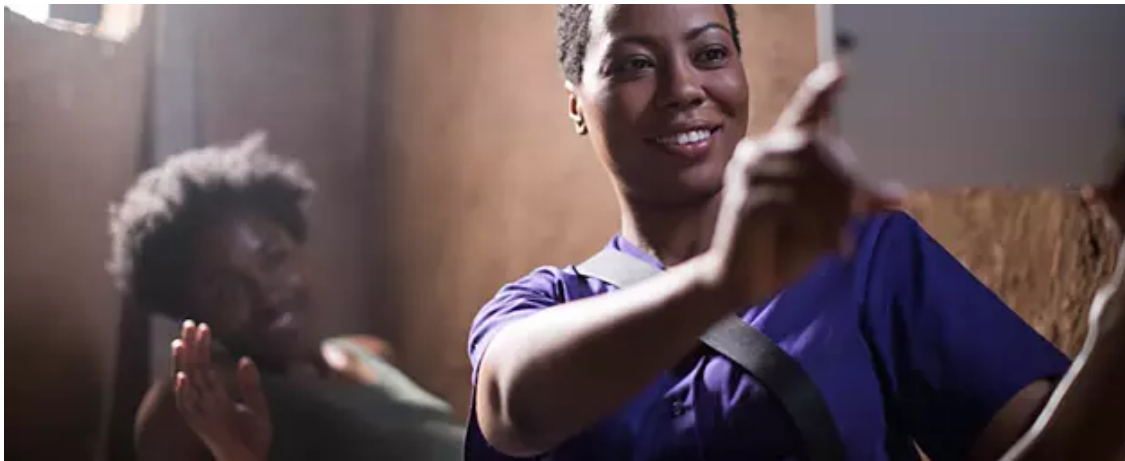
Abdomen exams

The abdomen preset is optimized for robust penetration and versatile abdominal scanning. Color flow optimization in the Abdomen preset is designed to quickly highlight faster flow in abdominal arteries as well as slower flow in organs like the kidney. The Abdomen preset is available on the C5-2 and S4-1 transducers.



Real-time technology updates

Online support portal will enable you to keep your solution current.



Seamless information sharing

Easily connects to PACS, makes patient data available to EMR, and enables consultation with colleagues through images, notes, and email.



FAST exams

The FAST preset is optimized for Focused Assessment with Sonography in Trauma. The preset provides

strong penetration and enhances visualization of free fluid in the abdomen, helping enable rapid results and confident decisions. The FAST preset is supported on the S4-1 transducer.



Cardiac exams

The Cardiac preset, available on the S4-1 transducer, is optimized to provide high quality cardiac images, including the penetration needed for technically difficult patients. Tissue Harmonic Imaging enhances visualization of blood-filled chambers and cardiac tissue structures. Color flow is optimized for high flow rates for quick visualization of cardiac function.



S4-1 phased array transducer

The Lumify S4-1 transducer has a small footprint and is optimized for cardiac exams, as well as FAST, lung and abdomen.



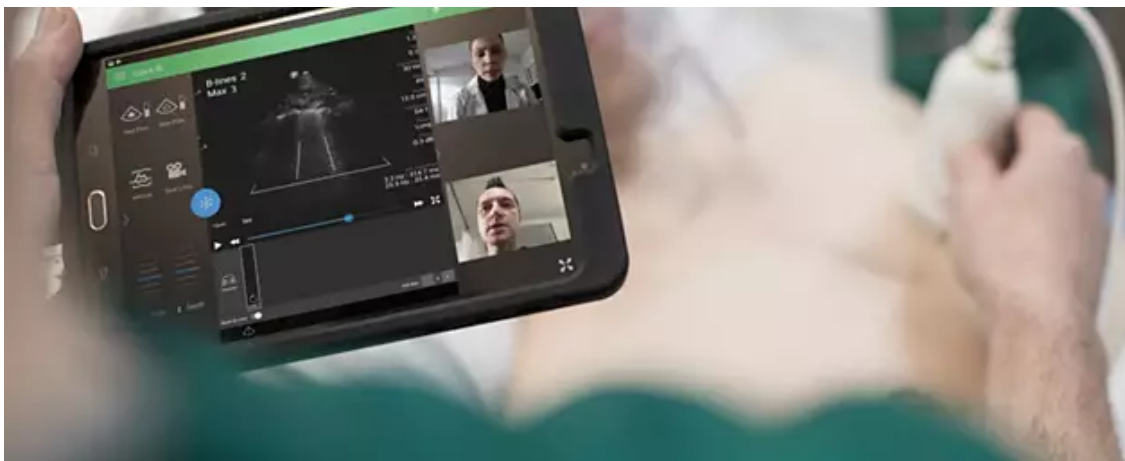
C5-2 curved array transducer

The C5-2 transducer is optimized for all trimesters of OB/GYN exams, as well as lung, abdomen, and gallbladder exams.



L12-4 linear array transducer

The L12-4 transducer provides easy access for vascular and superficial imaging, as well as lung, soft-tissue, and musculoskeletal exams.



Simple connectivity

Lumify provides the power to quickly send and share images, notes, and diagnostic data via email, DICOM to PACS, a shared network, or a local directory using the resident features of your phone or tablet.

App-based ultrasound

Ready when you need it. Download the app – one time download for any Lumify transducer on any compatible device. Connect the transducer. Begin scanning. The app is available through the Google Play Store for compatible Android phones and tablets.

Preset optimization

Each transducer has presets to help you get the most from your exams. Advanced imaging capabilities, such as Tissue Harmonic Imaging, SonoCT, and XRES are used to optimize image quality, reduce artifacts, and increase definition.

devices.

The Lumify Android version can be used directly with authorized Android devices.

The Lumify iOS version can be used with certified iOS devices, but depending on the configuration, it also requires the purchase of the Lumify Power Module (LPM) and connecting components.

Xperius

Regional anesthesia ultrasound system

The Xperius Ultrasound System is the new point-of-care innovation by B. Braun and Philips specially designed as the platform to support current and future integrated solutions in ultrasound-guided regional anesthesia.

Specifications

Xperius cart system dimensions

Width	56 cm
Depth	66 cm
Monitor size	39.6 cm
Height	132.5 cm
Weight	34 kg

Xperius standalone tablet dimensions

Width	42 cm
Depth	5 cm
Height	28 cm
Weight	3.6 kg



Features



Advanced ergonomics

A fully articulating arm allows easy adjustments of the ultrasound monitor position and the angle of the screen for ergonomic use and better view on the screen.



Intuitive touchscreen interface

The multi-touch ultrasound system delivers just the right features and on-screen controls you need. Xperius makes it easy to provide care in less time.



Onvision® needle tip tracking

Failure to optimally visualize the needle tip remains a challenge, with 10-15% of all peripheral nerve blocks ineffective after a single-injection technique [1]. Onvision accurately indicates where the needle tip is inside the body [2]. It helps the user align the needle with the probe in a user-friendly interface that can lead to a reduction in procedural time [3].



Exceptional image quality

High quality images of nerves and tissue structures for confident diagnoses and precise needle guided procedures. And the predetermined settings are designed so you can spend less time adjusting controls and more time focusing on your patients.

Affiniti CVx

Affiniti CVx Ultrasound System

The Philips Affiniti CVx ultrasound system is a dedicated cardiovascular solution designed to meet the everyday demands of cardiology – helping you deliver better care to more patients.



Features



X5-1 xMATRIX transducer

Our most leading-edge, versatile ultrasound transducer technology provides remarkable image quality and support for multiple interrogation capabilities and views not possible with 2D imaging. Designed to simplify your imaging workflow for even difficult-to-image patients.



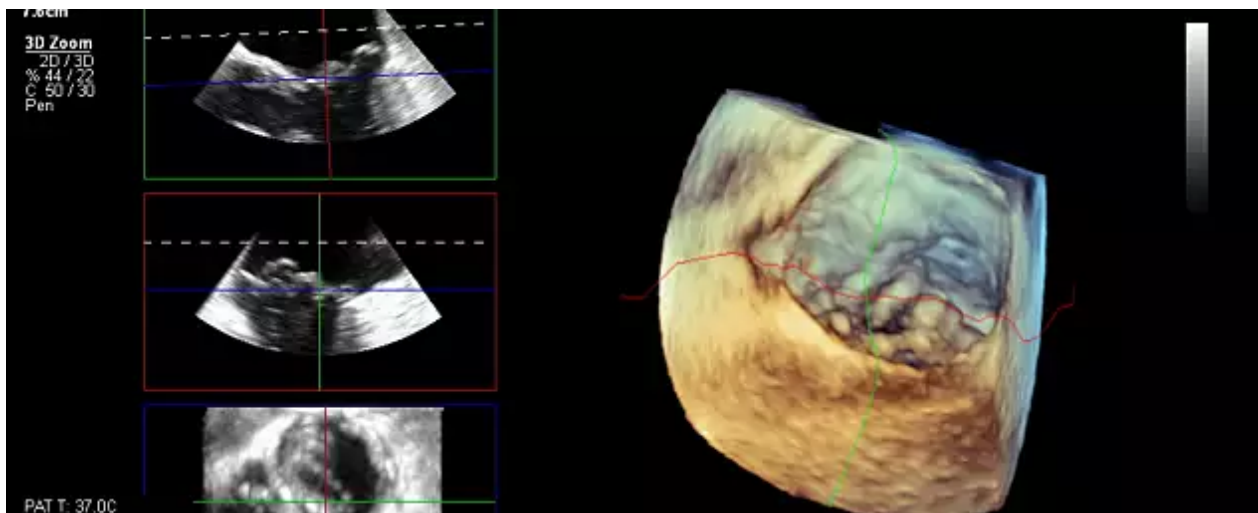
Automation for robust, proven reproducible cardiac quantification in both 2D and 3D

Auto Measure AI provides fully automated 2D Doppler and length measurements. AutoStrain delivers fast, reproducible 2D strain quantification for the LV, LA and RV. Dynamic HeartModel and 3D Auto RV offer full 3D quantification for LV, LA and RV volumes and functional assessment. 3D Auto MV provides dynamic analysis of the mitral valve.



Collaboration Live for tele-ultrasound

Collaboration Live lets you extend your team without expanding it, because physical distance is no longer an obstacle. Securely access on-demand expertise for real-time guidance, decision support and standardization of patient care.



Next-generation TEE imaging

The xMATRIX X8-2t transducer brings exceptional image quality and confidence to TEE imaging. Live 3D and Live 3D color flow, together with latest capabilities such as xPlane Doppler and MultiVue, help you to make a confident diagnosis in even the most complex cases.

Specifications

System dimensions

Width	57.2 cm
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Height	142.2-162.6 cm
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Depth	98.3 cm
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Weight	83.6 kg
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Control panel

Monitor size	54.6 cm
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Degrees of movement	180 degrees
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Affiniti CVx is available in selected countries. Please consult your Philips representative for further details.

*2020 IMV ServiceTrak™ Imaging Award winner for best ultrasound customer satisfaction, system performance and service.

5500 CV

Portable Compact Ultrasound System

Philips Compact Ultrasound System 5500 CV brings full functionality and first-scan answers to you, wherever you are. Offering a feature-rich core, a range of diagnostic solutions, enhanced cleanability and wireless connectivity and reporting, Philips Compact Ultrasound System 5500 CV is one of the most reliable and robust compact systems on the market.



Features



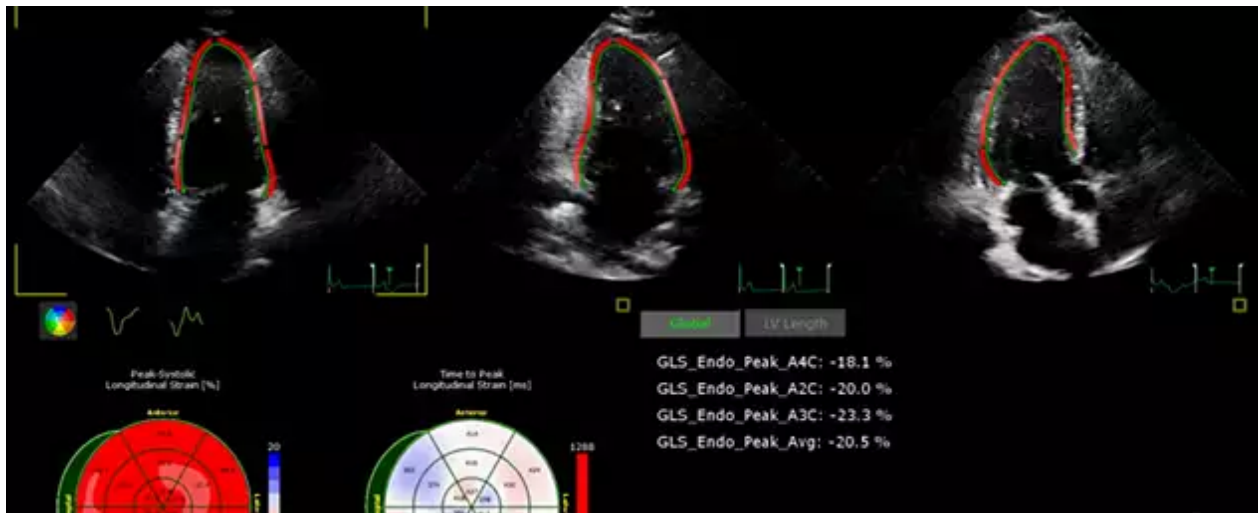
Shared UI and workflow with EPIQ CVx and Affiniti CVx system

Offering consistency across EPIQ CVx and Affiniti CVx systems, the Philips Ultrasound 5000 Series shares DNA – user interfaces, features, touchscreens, and workflow. And with standardized workflow comes increased efficiencies, including more exams in less time.



Transducer interoperability across the Philips portfolio

Shared transducers with EPIQ and Affiniti, ensuring consistency across the Philips portfolio.



Automation for reproducible cardiac quantification in 2D

AutoStrain delivers fast, reproducible 2D strain quantification for the LV. The AutoStrain LV application uses advanced Automatic View Recognition technology to identify the different views of the heart, providing exceptional visualization and analysis of left ventricular function extremely important diagnostic information for patients at risk of developing cardiovascular disease.



Battery life up to 3 hours

Available extended batteries that lead to longer scan times. Along with the compact size, the long battery life allows for high-quality scans from anywhere, whether you're in a wide open area or a tight space.

Specifications

Compact System

Width	411.9 cm/16.2 in
Height	86.6 cm/3.4 in
Depth	406.6 cm/16.0 in
Weight	10.57 kg/23.3 lb including internal battery
Monitor	15.6" 1920x1080 LCD panel
Power	100-140 V, ~50-60 Hz, 250 VA
AC adapter	Input: 100-240 VAC, 50/60 HZ
	Output: 24 VDC @ 250 W
Power consumption	310 VA
System battery	14.4 VDC. 98 WH
AUX display port	1920x1080 resolution
Connectors	Ethernet and two USB 3.0 connectors

Compact Cart

Cart base	488.8 mm x 488.8 mm (19.2" x 19.2")
Vertical adjustment	820-1001 mm (32.2"-39.3")
Wheels	Four 5" locking swivel wheels rear two wheels include steering lock mechanism
Other specification details	Integrated Ethernet connector Integrated keyboard in slide out drawer Probe holders on both sides to accommodate up to four transducers Three storage bins provided, large, small and rear handle tray Two USB connectors
Power consumption	660 VA max depending on system configuration
Standard cart	Input: 100-240 VAC, 50/60 Hz Output: 24 VDC @ 250 W Integrated AC adapter in bottom compartment Integrated keyboard in slide-out drawer
Extended cart	Input: 100-240 VAC, 50/60 Hz Output: 24 VDC @ 250 W + 5 V @ 1 W Integrated keyboard in slide-out drawer Three batteries to provide additional scanning time
Deluxe cart	Input: 100-240 VAC, 50/60 Hz Output: 24 VDC @ 250 W + 5 V @ 1 W Integrated keyboard in slide-out drawer Multiport adapter provides ports for attaching up to three imaging transducers Three batteries to provide additional scanning time
Premium cart	Input: 100-240 VAC, 50/60 Hz

Output: 24 VDC @ 250 W + 5 V @ 1 W

Integrated keyboard in slide-out drawer

Multiport adapter provides ports for attaching up to three imaging transducers

Small profile B/W video printer

Three batteries to provide additional scanning time

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