



High performance compact ultrasound

Philips CX30 CompactXtreme ultrasound system

PHILIPS
sense and simplicity

Philips CX30 CompactXtreme

Philips CX30 CompactXtreme ultrasound system goes wherever you need it, bringing ultrasound excellence to the bedside and beyond. A fully-featured system in a compact package, it combines portability with utility to fit in almost any clinical situation.



The CX30 allows up to three imaging transducers to be connected to the system.



Bedside

The compact size of the CX30 makes it ideal for patients who cannot or should not be transported to the diagnostic lab. You can easily perform abdominal, vascular, OB/Gyn and cardiac studies at the bedside.



Emergency department

The CX30's performance, portability, and clinical versatility make it an ideal system for emergency departments. The high image quality helps you make fast and confident diagnoses on even your most difficult patients.



Critical care units

The compact size and maneuverability of the CX30 makes it easy for you to bring ultrasound to your most critically ill patients, without disturbing other technology at the CCU bedside.



Remote locations

The CX30 is ideal for remote locations such as screening events and satellite offices that are supported on a rotational basis. The system packs into a carrying case for easy transport.

Imaging excellence in a compact ultrasound system

The CX30 is built on the same platform as the renowned CX50 system, with a range of transducers to provide high performance imaging anywhere you need it.

Digital broadband beamforming on a compact ultrasound system

The CX30 combines the advanced capabilities of a digital beamformer with the broadband signals produced by Philips high performance transducers. Digital beamforming uses the full range of ultrasound frequencies to produce the broadest possible bandwidth of ultrasound signals, and then applies advanced processing techniques to further refine and process the signal. The result is images with enhanced resolution and tissue uniformity, and superb definition of tissue texture, interfaces and structure.

SonoCT and XRES technologies bring a new level of clarity to compact ultrasound

Philips SonoCT is a clinically-proven premium technology that acquires up to nine lines of sight and combines the individual images into one clear, well-defined image in real time. SonoCT displays striking levels of tissue differentiation that are virtually free of artifact. Advanced XRES adaptive image processing reduces speckle, haze, and clutter, resulting in images virtually free from noise with extraordinary clarity and edge definition. When SonoCT and XRES work in tandem, even the subtlest of diagnostic features are enhanced.

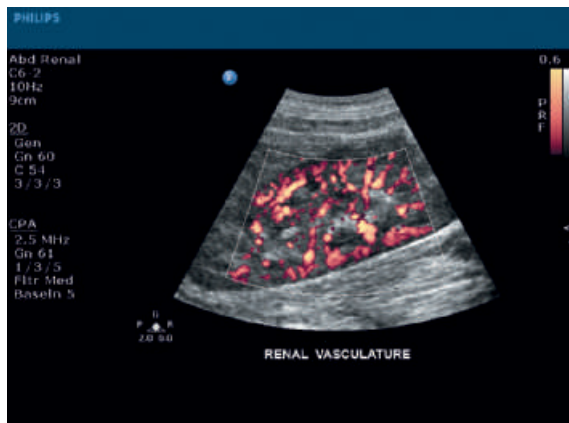
Transducers for head-to-toe clinical applications

The CX30 includes a versatile family of transducers that can handle all routine and some specialty imaging.

- S4-2 sector array
- C6-2 curved array
- L12-4 linear array
- C9-4v curved array
- D2CWC 2 MHz continuous wave Doppler
- D5CWC 5 MHz continuous wave Doppler

Plug in up to three imaging transducers into the optional Multiport adapter, and simply press a button to switch among them as needed during an exam.

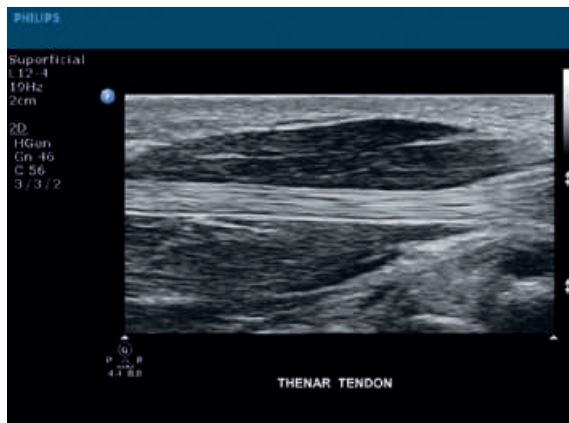




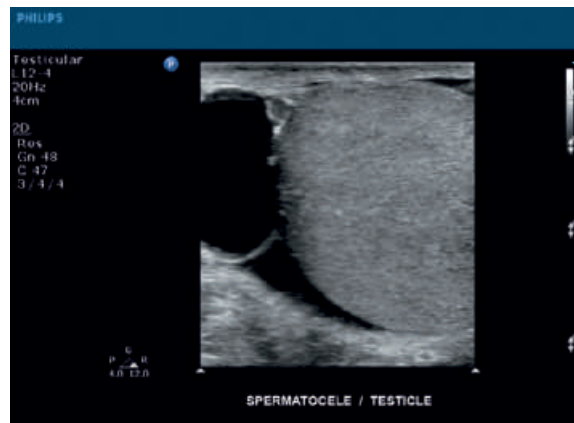
The CX30 and C6-2 transducer combine to provide excellent 2D imaging and color sensitivity.



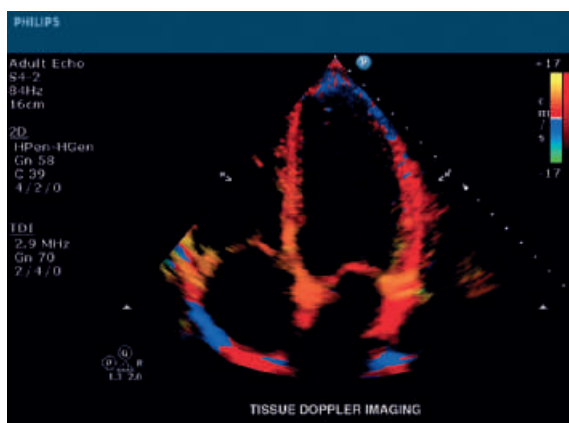
The C6-2 transducer uses advanced technology to capture details of this liver hemangioma.



The exquisite detail of this thenar tendon and surrounding tissue is delivered by the L12-4 transducer.



The L12-4 transducer delivers clear definition between cystic areas and solid structures.



The S4-2 transducer and CX30 support high frame rate Tissue Doppler Imaging.



C6-2 and CX30 settings for fetal echo allow for definitive identification of fetal cardiac anatomy.

A workhorse that aids workflow

The CX30 system adapts to your workflow, whether you're in the ICU, at the bedside, in the ED, or at a remote location. With easy-to-use tools designed for your needs, you're ready to scan wherever your patients are located.

Breakthrough workflow solutions

The CX30 was designed to make portable exams easy and efficient. With a single button, iSCAN technology automatically samples data for quick optimization for 2D and Doppler performance. To increase efficiency and diagnostic confidence, the CX30 incorporates 3D freehand acquisition to allow advanced volume workflow studies.



Controls are logically placed on the CX30 control panel for quick selection and optimization during every exam.

Reduce exam time by up 50% with SmartExam

SmartExam protocols are easy-to-use customizable guides that help you perform complete studies on every patient. The on-screen menu guides you through the required views for a specific exam type, automatically enters annotation, and builds your report. Save time, reduce repeated moves, and increase efficiency and consistency of exams.

Compact ultrasound designed for your environment

The CX30 system features a high resolution monitor for exceptional viewing in difficult portable environments, and fast system start-up allows you to quickly begin your studies. Wireless and wired DICOM allow flexibility when connecting to your PACS. You can also export your data by DVD and USB media with integrated DICOM viewer.

Fine-tune exams with active native data

The CX30 system stores active native acoustic data giving you the ability to adjust all scanning parameters on single images, clips or stored 2D and Doppler data. Images can be readjusted during or after the exam, enhancing diagnostic details, allowing for reduced exam times, and reducing the need for repeat studies.

Expand diagnostic information with QLAB quantification software

The CX30 offers assessment and analysis capabilities with QLAB's clinically proven plug-ins.

- GI 3D quantification—GI 3DQ
- Region of interest—ROI
- Intima media thickness evaluation—IMT
- 2D Quantification – 2DQ

A wide range of portability options

Take the CX30 where you need it—throughout the hospital and to remote sites. With its cart, travel case and hand-carry portability options, you have the freedom to scan everywhere.



On cart

The CX30 cart allows for easy mobility and effortless maneuverability throughout the hospital. The system and cart are combined ergonomically into one unit that is slim, lightweight and height-adjustable. It can be swiveled and locked so you are set up quickly everywhere you need ultrasound excellence. It's the solution for your patient exams in confined areas, such as the CCU and bedside.



Hand carry

For situations that call for the ultimate in portability, the CX30 is a fully functional laptop-sized ultrasound system with an integrated handle for easy carrying. Now you can navigate with a new level of utility, and take ultrasound excellence where fast responses are needed.



Remote travel

The CX30 system is the ideal solution for multiple-site support. With its convenient travel case, you can easily take the CX30 to distant clinical locations. Now clinical staff can support satellite offices, screening events, and mobile services with exceptional imaging.

Philips SmartPath assures you easy access to solutions and innovations for the full life of your ultrasound system, so you can boost your clinical and operational potential and achieve your organizational goals.



Optimize

Optimize your system's performance both now and in the future with regular and ongoing updates, including functionality improvements and remote technical support.



Enhance

Enhance your equipment with regular technology upgrades, and take advantage of the newest features and capabilities.



Transform

Transform your investment at the end of your system's life by transitioning seamlessly to a next-generation solution or refurbished option.

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How to reach us

www.philips.com/healthcare
healthcare@philips.com

Asia
+49 7031 463 2254

Europe, Middle East, Africa
+49 7031 463 2254

Latin America
+55 11 2125 0744

North America
+1 425 487 7000
800 285 5585 (toll free, US only)

Please visit www.philips.com/CX30



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