



Premium performance compact ultrasound

Philips CX50 CompactXtreme ultrasound system

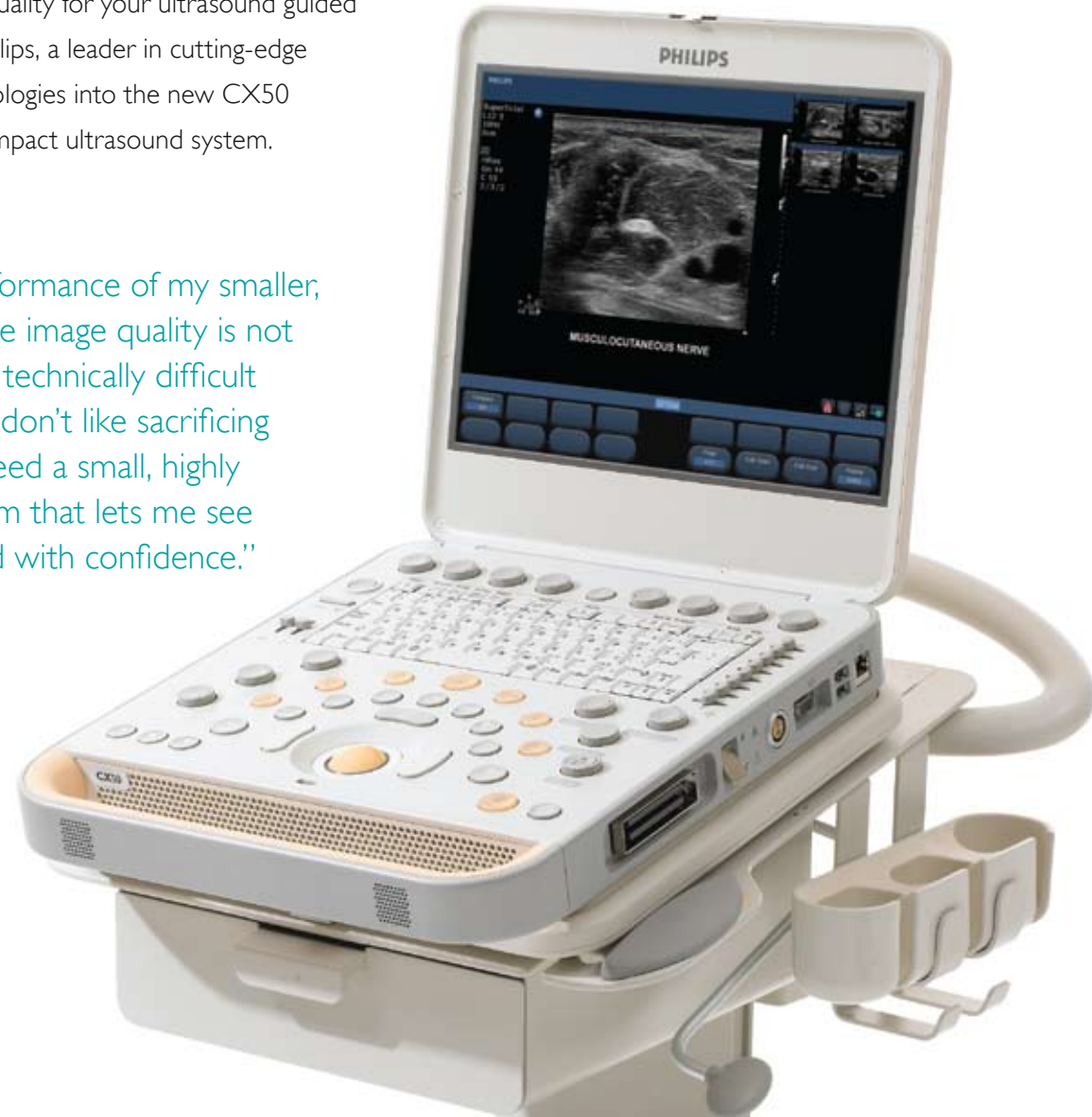
PHILIPS

Introducing the Philips CX50 CompactXtreme system

Now you can be confident that you are getting exceptional image quality for your ultrasound guided nerve blocks, even on your most technically challenging patients. Philips, a leader in cutting-edge ultrasound development, has integrated premium, innovative technologies into the new CX50 system to address the need for premium class performance in a compact ultrasound system.



“I can’t always count on the performance of my smaller, compact ultrasound system. The image quality is not always sufficient—especially on technically difficult patients and advanced blocks. I don’t like sacrificing performance for portability. I need a small, highly maneuverable ultrasound system that lets me see the anatomy clearly, quickly, and with confidence.”



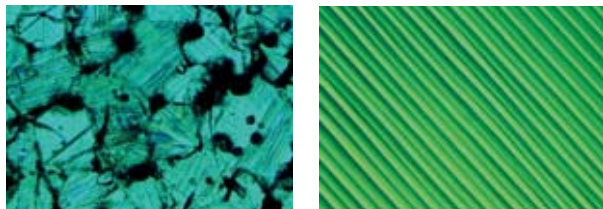
Premium class performance in a compact ultrasound system

Extreme performance is built into the CX50 system with clinically proven premium technologies. Images are displayed with exceptional clarity, giving you the ability to easily and confidently visualize the sonoanatomy, quickly find the nerve, and see the needle throughout the procedure.

PureWave goes portable

PureWave technology, previously available only on Philips premium iE33 and iU22 systems, has been integrated into the new CX50 CompactXtreme system. It's the biggest break-through in piezoelectric transducer technology in 40 years. Over a million ultrasound exams have benefited from PureWave's exceptional penetration and far-field resolution.

PureWave excels on deep blocks and technically difficult patients, providing excellent 2D image quality. Now, you can take advantage of PureWave's image quality in your regional anesthesia practice.



Conventional

(x800)

PureWave

(x800)

PureWave crystals have virtually perfect uniformity for greater bandwidth and twice the efficiency of conventional ceramic materials. The result is excellent imaging and Doppler performance.

SonoCT and XRES for additional clarity and definition

Philips SonoCT real-time compound imaging displays striking levels of tissue differentiation that are virtually free of artifact. Advanced XRES adaptive image processing reduces speckle, haze and clutter. When SonoCT and XRES work in tandem, the result is outstanding image clarity.

Designed for speed and efficiency

The CX50's compact size allows you to effortlessly maneuver in the confined space of the perioperative environment. And battery operation means you can quickly begin a procedure. The 15-inch high resolution LCD, with built-in ambient light compensation, provides optimal viewing in varied environments.

Tissue Specific Imaging optimizes hundreds of scanning parameters to the specific transducer and anatomy. Image optimization is simple with iSCAN, a one-button step to getting the best image possible, and it's easy to steer the image to best visualize the needle and anatomy.



Controls are logically placed on the CX50 control panel for quick selection and optimization during every procedure.

Premium performance across your patient population

Transducers to meet your needs

The CX50 transducers support a wide range of nerve block procedures, including upper extremity, lower extremity, truncal, neuraxil, and pain blocks, as well as adult echo and TEE. Select the best transducer for your procedure based on the type of block, patient size and technical difficulty.



CX50 system's array of transducers provides premium performance for your growing regional anesthesia program. Applications include nerve blocks, vascular access, lung imaging, and echo:

- L12-3 broadband linear array
- C5-1 PureWave curved array
- S5-1 PureWave sector array

Compact ultrasound designed for your environment

Take the CX50 where you need it. On cart it allows for easy mobility and effortless maneuverability in the perioperative environment as well as throughout the hospital. The CX50 system is the ideal solution for multiple-site support. With its convenient travel case, you can easily take the CX50 to satellite locations to support nerve blocks wherever needed.



The system and cart are combined ergonomically into one unit that is slim, lightweight and highly mobile. It can be swiveled and locked so you are set up quickly everywhere you need premium performance.

Seeing is believing



Note the fine definition of muscle layers, nerves and vessels in this superficial anatomy.



SonoCT and XRES technologies provide excellent clarity of this musculocutaneous nerve.



The CX50 provides remarkable details at the sciatic nerve bifurcation.



The L12-3 transducer provides excellent visualization of the needle during vascular access procedures.

Our portfolio of services is as innovative, flexible and comprehensive as your Philips system. From consulting in preparation, installation and networking, to providing clinical and biomedical engineering training, education and e-learning, to sourcing financial options, we have the expertise to assist you in finding the best solution for your specific needs.

World class customer service

Philips Customer Service agreements deliver the flexibility and choice you need to provide patient care based on the latest advances in system technology, successfully manage your financial performance, promote uptime, lower the cost of ownership, and increase your productivity. Philips delivers the full spectrum of services quickly through dedicated, highly trained clinical and technical specialists focused on providing unparalleled customer service. Year after year, customers rank Philips Ultrasound #1 in overall service performance—check the web for details:

www.healthcare.philips.com/ultrasound

Bringing expertise and vision to your ultrasound education

Philips offers a wide array of clinical and technical education, online resources and training courses to meet the increasingly complex needs of healthcare professionals and staff members. Whatever your need, there is a medical education course or resource available that is specifically tailored to fulfill the learning requirements of you and your organization.

Innovative financial solutions

Philips Medical Capital delivers flexible financial solutions to place state-of-the-art Philips medical products in healthcare facilities around the world. Our financial experts understand your unique financial needs and provide flexible solutions that optimize asset utilization, reduce costs, and increase financial flexibility.

Partnering to provide security solutions

Philips is committed to addressing your privacy and security concerns. Your partner in prevention, response and compliance, Philips Product Security provides online security resources, answers to security-related questions, and access to dedicated security professionals who can assist with your IT department's compliance efforts and risk assessments.

Please visit www.philips.com/CX50



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