

100662 CX50 CompactXtreme

System Type: New
Freight Terms: FOB Destination
Warranty Terms: Part numbers beginning with two (2) asterisks (**) are covered by a Per Contract. All other part numbers are third (3rd) party items.
Special Notations: Contingencies must be removed 120 days before scheduled shipment to assure delivery on specified date. Any rigging costs are the responsibility of the Purchaser.

Additional Terms:

Line #	Part #	Description	Qty	Each	Price
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1		CX50 CompactXtreme General Imaging	1		
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Interface:

- 15.0 inch high resolution display with wide viewing angle
- Quick Keys and Active Mode
- Laptop style Alphanumeric QWERTY keyboard
- 8 TGCs and 2 LGCs
- Ergonomic carrying handle
- Includes AC adapter, power cord and system battery pack
- 500 GB hard drive
- Internal DVD RW drive

Architecture:

All-digital compact broadband beamformer, Microfine 2D focusing with Dynamic Focal Tuning that includes Advanced XRES signal processing, 170 dB full time input dynamic range 504,576 digitally processed channels, Windows Embedded Standard 7 Operating System, Continuously variable steering in 2D, color and Doppler modes 2D Opt signal processing with 4X multi-line parallel processing and frequency compounding. Windows Embedded Standard 7 Operating System.

Intelligent Controls:

The CX50 has been designed to make portable exams easy and efficient. With a single button, iSCAN technology automatically samples data for a new level of 2D and Doppler optimization iSCAN one-touch Intelligent Optimization, iSCAN one-touch Intelligent Color Optimization, iSCAN Doppler one-touch optimization.

Smart Exam: provides easy to use, customizable guides that help the clinician complete studies on every patient. An on screen menu, guides the clinician through the required views for a specific exam type, automatically enters annotation and build the patient report.

Needle Visualization: When used in conjunction with the L12-3 or L12-5 50 linear transducers, Needle Visualization utilizes advanced electronic beam-steering technology to enhance viewing of the needle to assist the user in guiding the needle to the target anatomy.

Transducers:

The CX50 General Imaging system supports the compact family of transducers including S5-1, S12-4, S8-3, X7-2t, S7-3t, L12-5 50, L12-3, L15-7io, L10-4lap, C5-1, C10-3v, C8-5, C9-3io, D2cwc and D5cwc

(Clinical Option/Clinical Package dependent).

All transducers provide breakthrough frequency bandwidths and array configurations. These transducers also have ergonomically designed lightweight flexible cables and compact connectors.

Modes:

- 2D
- M-mode
- Anatomical M-mode
- Color M-mode

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- Pulsed Wave Doppler
- Color Power Angio (CPA)
- Continuous Wave Doppler
- Invert and Color Invert
- Color compare mode
- Dual mode
- Duplex for simultaneous 2D and Doppler
- 2D Optimization Signal Processing
- Live Compare
- Tissue Harmonic Imaging (THI)
- Reconstructed zoom with pan (read zoom)
- Write zoom
- Pulse Inversion Harmonic imaging
- Adaptive Doppler
- Adaptive Color Doppler
- Color Tissue Doppler imaging
- Pulsed Wave Tissue Doppler imaging
- Active Native Data - manipulation of image data

DICOM Networking

- Ethernet @100Mb/second Includes DICOM wired and wireless g and n .
- Provides DICOM 3.0 network print and store and storage commitment
- Performed Procedure Step
- Modality Worklist
- DICOM Structured Reporting

Cineloop review

On-board workstation-class data management with thumbnail previews and storage of images, loops, and reports. Retrospective and prospective clip capture to internal drive or removable media

Integrated DVD/CD burning capability for storage of images or export in DICOM, JPEG and .avi for PC compatibility. DICOM viewer option to imbed in media transfer for easy viewing of study on most PCs.

Maintenance and Serviceability

- Remote Access for Expedient Clinical and Technical Support
- Flexible Service Agreements
- Clinical Application and Educational Support
- Scheduled Preventative Maintenance and System Optimization

Security-related features

- Firewall policy blocks all unnecessary ports
- Operating System hardening
- OS settings utilizing the DISA STIGS
- Disable unnecessary services
- Disable auto-run for removable media System Access Control
- No restrictions – users may perform exams and access all previously completed exams or MWL data
- Only patient data is locked – users may perform exams without requiring a login, but must successfully log in prior to accessing previously completed exams or Modality Worklist data.
- Complete system is lockable – users and administrators must successfully log in prior to any system access

Local User Management

- Support for multiple unique user accounts
- Support for multiple unique administrator accounts Remote User Management
- Supports active directory authentication utilizing LDAP (system may not be joined to the domain)

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- Support for individual accounts or AD groups for users and administrators
- May utilize LDAP or secure LDAP

Auto logoff

- Automatically logs off a user after the specified period of inactivity, user selectable

Hard drive encryption

- System supports various hard drive encryption policies including: 128 bit, 128 bit with diffuser, 256 bit, 256 bit with diffuser

Audit log export

- Available protocols are UDP or TLS Media export security
- Provides the ability to disable export of patient data to removable media

Safeguard

This is a standard computer administration tool used to prevent unauthorized programs (malware) from running on the ultrasound system.

Clinical Education

Implementation Onsite Training - One day of basic system training is provided at your site after installation. Ultrasound system or upgrade onsite training provided by a PAS (Product Applications Specialist) for specific system applications or upgrades; not per modality.

Education is provided Monday - Friday during normal business hours.

Healthcare personnel are not responsible for actual patient contact or operation of equipment during education sessions except to demonstrate proper equipment operation. The training sessions should be attended by the appropriate healthcare professional as identified by the department director. Repeat training for staff non-attendance will not be accepted. Site must be patient-ready to meet training expectations. All onsite training day expires within 90 days from system or upgrade installation date. Exceptions are for 3D Stress onsite training (which expires 9 months from system or upgrade installation date) and Fusion & Needle Navigation onsite training (which expires 180 days from system or upgrade installation date).

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Vascular Clinical Option

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CX50: This clinical option includes Tissue Specific Imaging software and SonoCT for Cerebrovascular, Peripheral Vascular, Abdominal Vascular and Transcranial applications. The clinical option includes in- depth analysis and reporting packages for vascular applications including Transcranial Doppler analysis. Freehand 3D is also provided within this clinical option. This clinical option enables the C5-1, S5-1, L12- 3, L15-7io and D5cwc transducers for vascular applications.

This clinical option also includes IMT, Contrast, MVI, and ROI

IMT Q-App – The Intima Media Thickness Q-App provides automated measurements of intima media thickness in carotids and other superficial vessels and eliminates the need to manually position cursors, minimizing the time needed to complete and IMT study

Contrast Q-App - Contrast for general imaging and superficial applications using the C5-1 and L12-3 transducers. Works in Power Modulation (PM), Pulse Inversion (PI), Coded harmonics and flash contrast modes.

ROI Q-App – the Region of Interest Q-App is designed to increase the consistency and reliability of acoustic measurements while reducing the effort required to successfully perform ROI analysis for contrast imaging, tissue analysis and color Doppler.

MVI Q- App– the MicroVascular Imaging Q-App applies a motion compensation algorithm to contrast loops

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		<p>CX50 POC: This clinical option includes Tissue Specific Imaging software and SonoCT for Cerebrovascular, Peripheral Vascular, Abdominal Vascular and Transcranial applications. The clinical option includes in-depth analysis and reporting packages for vascular applications including Transcranial Doppler analysis. Freehand 3D is also provided within this clinical option. This clinical option enables the C5-1, S5-1, L12-3, L15-7io and D5cwc transducers for vascular applications.</p>			
3		Cart with Multi-port Adapter	1		
		<p>Highly mobile cart that features hardware module to support transducer switching among up to three imaging transducers at the touch of a button. Includes: 4 swivel wheels with 2 locking casters, rear handle, micro-positioning grips, quick-connect tray, storage shelf, footrest, internal isolation transformer, B&W printer brackets, integrated transducer connector holder, gel holders and cable management. Includes USB hub for additional connectivity.</p>			
4		USA Power Cord	1		
5		C5-1 Transducer	1		
		<p>Features compact connector designed for reliability and improved ergonomics. Manufactured in accordance with the European Union's Restriction of Hazardous Substances (RoHS) directive.</p> <p>C5-1 broadband, Curved Array PureWave crystal transducer with 5 to 1 MHz extended operating frequency range for abdominal, obstetrical, gynecological, interventional, vascular, contrast acute care and regional anesthesia applications.</p>			
6		L12-5, 50 Transducer	1		
		<p>Features compact connector designed for reliability and improved ergonomics. Manufactured in accordance with the European Union's Restriction of Hazardous Substances (RoHS) directive.</p> <p>High frequency linear array transducer with 12 to 5 MHz extended operating frequency range for small parts, vascular, abdominal, and MSK applications. (Compact connector)</p>			
7		L15-7io Transducer	1		
		<p>Features compact connector designed for reliability and improved ergonomics. Manufactured in accordance with the European Union's Restriction of Hazardous Substances (RoHS) directive.</p> <p>High frequency compact linear array transducer with 15 to 7 MHz extended operating frequency range for cardiac and vascular surgery, superficial vascular, and MSK applications. (Compact connector)</p>			
8		English Manual	1		
		<p>Operation Manual</p>			