

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	**NNAP204	CX50 2D xMATRIX	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
- 2 USB flash drives on system
- 80 GB hard drive
- Internal DVD RW drive
- Windows Embedded Standard 7 Operating System

Architecture:

All-digital compact broadband beamformer, Microfine 2D focusing with Dynamic Focal Tuning that includes Advanced X-Res signal processing, 170 dB full time input dynamic range 18,432 digitally-processed channels, Continuously variable steering in 2D, color and Doppler modes 2D Opt signal processing with 4X multi-line parallel processing and frequency compounding.

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.

Transducers:

Supports Compact family of transducers featuring PureWave imaging technology in the S5-1, CX7-2t, C5-1, D5CWC. Also supports the high resolution S12-4, S8-3, C8-5 and L12-3 transducers. 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
- Pulsed Wave Doppler
- Color Power Angio (CPA)
- Continuous Wave Doppler

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		<ul style="list-style-type: none">• 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<ul style="list-style-type: none">• 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 (pps)• 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. Philips 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

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

Media export security

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- Provides the ability to disable export of patient data to 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 MWL data
- Complete system is lockable – users and administrators must successfully log in prior to any system access

User management policy

- User management local
 - Local user management
 - Support for multiple unique user accounts
 - Support for multiple unique administrator accounts
- User management remote
 - Supports active directory authentication utilizing LDAP (system may not be joined to the domain)
 - Support for individual accounts or AD groups for users and administrators
 - May utilize LDAP or secure LDAP
 - Customer may configure the system to perform authenticated binding

Password policies

- Provides the ability to specify password policies for local accounts
 - Minimum password length (6-14 characters)
 - Maximum password length (6-63 characters)
 - Minimum password age (0-998 days)
 - Maximum password age (1-999 days)
 - Password complexity

Account lockout policies

- Lockout threshold (1-999 minutes)
- Lockout duration (1-999 minutes)
- Lockout counter reset (minutes)

Auto logoff

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

Hard drive encryption

- Encryption policies
 - 128 bit
 - 128 bit with diffuser

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- 256 bit
- 256 bit with diffuser

Audit log export

- Audit logs may be exported
- Available protocols are UDP or TLS

Clinical Education

1 Day PAS Onsite - 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.* Note: _____ 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).

THE NUMBER OF ONSITE TUITIONS YOU RECIEVE MAY VARY BASED ON PURCHASED OPTIONS. PLEASE CONSULT YOUR SALES REPRESENTIVE FOR FURTHER DETAILS

All Tuitions must be registered prior to the expiration date. The course chosen must be taken within 90 days of expiration.

2	**NUSN031	Vascular Clinical Option	1		
		<p>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 Needle Visualization which utilizes advanced electronic beam steering technology to enhance viewing of the needle to assist the user in guiding the needle to the targeted anatomy – needle visualization requires the L12-3 transducer.</p> <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. This clinical option also includes Needle Visualization which utilizes advanced electronic beam steering technology to enhance viewing of the needle to assist the user in guiding the needle to the targeted anatomy – needle visualization requires the L12-3 transducer.</p>			
3	**NUSM019	Exam Protocols/Smart Exam	1		
		<p>Fast 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.</p>			

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4	**FUS5048	Cart with Multi-port Adapter 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.	1		
5	**FUS5101	USA Power Cord	1		
6	**NUSV671	Government Security Required by all DoD customers. This option disables VNC capabilities (which if enabled would provide remote desktop support) for increased security of data.	1		
7	**FUS5122	C5-1 Transducer Features compact connector designed for reliability and improved ergonomics. Manufactured in accordance with the European Union's Restriction of Hazardous Substances (RoHS) directive. 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.	1		
8	**FUS5123	L12-3 Transducer Features compact connector designed for reliability and improved ergonomics. Manufactured in accordance with the European Union's Restriction of Hazardous Substances (RoHS) directive. L12-3 fine pitched, high resolution linear array with 12 to 3 Mhz extended operating frequency range for vascular, small parts, breast, musculoskeletal, contrast regional anesthesia and acute care applications	1		
9	**FUS5129	L15-7io Transducer Features compact connector designed for reliability and improved ergonomics. Manufactured in accordance with the European Union's Restriction of Hazardous Substances (RoHS) directive. 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)	1		
10	**FUS7000	English Manual Operation Manual	1		