

VA MEDICAL CTR (WTS) B50015
V.A. Medical Center
A&MMS (90D)
1481 W 10TH STREET
INDIANAPOLIS, IN 46202

P.O.# 583-B50015

Line #	Part #	Description	Qty
1		CX50 CompactXtreme General Imaging	1

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

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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Line #	Part #	Description	Qty	Each
		<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

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.

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		<p>Note: Philips Healthcare personnel are not responsible for actual patient contact or operation 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).</p>		
2		Limited Radiology Pkg	1	
		This clinical option package includes the Abdominal, Small Parts and Vascular clinical options.		
		<p>Abdominal Clinical Option This clinical option includes abdominal Tissue Specific Imaging software, SonoCT and Freehand 3D for abdominal applications. This clinical option also includes analysis and reporting packages for abdominal applications. Allows operation for abdominal applications of the C5-1, S5-1, L12-5 50, C9-3io, L10-4lap and L12-3 transducers</p>		
		<p>Small Parts Clinical Option This clinical option includes small parts Tissue Specific Imaging software, SOnoCT and Freehand 3D for a wide range of small parts applications (eg. Breast, thyroid, testical) . This clinical option also includes analysis and reporting packages for small parts applications. Allows operation for small parts applications of the L12-3, L15-7io, L12-5 50 and C5-1.</p>		
		<p>Vascular Clinical Option This clinical option includes Tissue Specific Imaging software and SonoCT for Cerebrovascular, Peripheral vascular, abdominal vascular and Transcranial applications. This clinical option also includes in depth analysis and reporting packages for vascular applications. Freehand 3D is also provide within this clinical option. Allows operation for vascular applications of the C5-1, S5-1, L12-3, L15-7io, L12-5 50 and D5cwc transducers.</p>		
		<p>Needle Visualization When used in conjunction with 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. Requires L12-4 or L12-5/50 transducer.</p>		
3		Exam Protocols/Smart Exam	1	
		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.		
4		Travel Case	1	
		Padded wheeled travel case with front zipper pockets & telescoping handle. Includes a retractable stacking extention for transporting additional supplies and a customized transducer & gel carrying bag for up to 4 transducers. Dimensions: Accommodates CX50 imaging system, AC adapter, separate transducer carry bag for up to 4 transducers and gel,		
5		Footswitch	1	
		3 pedal USB footswitch configurable to control print, freeze and acquire.		
6		Cart with Multi-port Adapter	1	

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		Highly mobile cart that features hardware module to support transducer switching among up 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.		
7	**FUS5101	USA Power Cord	1	
8	**NUSM034	Intima Media Thickness (IMT) Quant Plug-In	1	
		Provides automated measurements of intima media thickness in carotids and other superficial vessels; Eliminates the laborious process of manually positioning cursors, minimizing the time needed to complete an IMT study.		
9	**FUS5120	S5-1 Transducer	1	
		Features compact connector designed for reliability and improved e both EPIQ and CX50 systems. Manufactured in accordance with the European Union's Restriction of Hazardous Substances (RoHS) directive.		
		PureWave crystal Sector array transducer with 5 to 1 MHz extended operating frequency range for adult cardiology, abdominal, vascular, TCD and Acute Care.		
10	**FUS5122	C5-1 Transducer	1	
		Features compact connector designed for reliability and improved ergonomics. Compatible with both EPIQ and CX50 systems. 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.		
11	**FUS5123	L12-3 Transducer	1	
		Features compact connector designed for reliability and improved ergonomics. Compatible with both EPIQ and CX50 systems. 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		
12	**FUS5129	L15-7io Transducer	1	
		Features compact connector designed for reliability and improved ergonomics. Compatible with both EPIQ and CX50 systems. 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)		
13	**FUS7000	English Manual Operation Manual	1	

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14	**FUS5095	Cart Based Black and White Printer Printer mounted on optional cart. Remote controlled, medical grade high resolution black and white thermal printer for image documentation.	1	
15	**FNA8204	1st SVC Manual for Gov	1	