

671-B40101

SAN ANTONIO, TX.

Line #	Part #	Description	Qty	Each	Price
1	**NNAU893	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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		<ul style="list-style-type: none"><li>• Invert and Color Invert</li><li>• Color compare mode</li><li>• Dual mode</li><li>• Duplex for simultaneous 2D and Doppler</li><li>• 2D Optimization Signal Processing</li><li>• Live Compare</li><li>• Tissue Harmonic Imaging (THI)</li><li>• Reconstructed zoom with pan (read zoom)</li><li>• Write zoom</li><li>• Pulse Inversion Harmonic imaging</li><li>• Adaptive Doppler</li><li>• Adaptive Color Doppler</li><li>• Color Tissue Doppler imaging</li><li>• Pulsed Wave Tissue Doppler imaging</li><li>• Active Native Data - manipulation of image data</li><li>• DICOM Networking<ul style="list-style-type: none"><li>• Ethernet @100Mb/second Includes DICOM wired and wireless "G" and "N".</li><li>• Provides DICOM 3.0 network print and store and storage commitment</li><li>• Performed Procedure Step (pps)</li><li>• Modality Worklist</li></ul></li><li>• DICOM Structured Reporting</li></ul>			

**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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Note: Philips 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).

2	**NUSN018	Radiology Clinical Pkg w/Peds	1		
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This clinical option package includes the Abdominal, Vascular, OB/GYN, Musculoskeletal, Small Parts, and Pediatric Radiology clinical options.

**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 and L12-3 transducers:

**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 provided within this clinical option. Allows operation for vascular applications of the C5-1, S5-1, L12-3 and D5cwc transducers.

**OB/GYN Clinical Option**

This clinical option includes OB/GYN Tissue Specific Imaging software, SonoCT and Freehand 3D for OB/GYN applications. This clinical option also includes in depth analysis and reporting packages for OB/GYN applications. Allows operation for OB/GYN applications of the C5-1 and C9-3V transducers.

**Musculoskeletal Clinical Option**

This clinical option includes MSK Tissue Specific Imaging software, SonoCT and Freehand 3D for MSK applications. This clinical option also includes analysis and reporting packages for MSK applications. Allows operation for MSK applications of the L12-3.

**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, testicle) . This clinical option also includes analysis and reporting packages for small parts applications. Allows operation for small parts applications of the L12-3 and C5-1.

**Pediatric Radiology Clinical Option**

Tissue Specific Imaging software for appropriate curved array and sector array transducers in pediatric ultrasound applications. Display optimization software with Tissue Specific presets for 2D imaging and Doppler applications. Analysis software package includes a general imaging protocol and report. Allows operation of S12-4, S8-3, and C8-5 transducers.

**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.

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3	**FUS5048	<b>Cart with Multi-port Adapter</b> 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		
4	**FUS5101	<b>USA Power Cord</b>	1		
5	**FUS5117	<b>L10-4 Lap Transducer</b> High frequency linear array transducer with 10 to 4 MHz extended operating frequency range for laparoscopic imaging application. (Compact connector)	1		
6	**FUS5119	<b>Transducer, C9-3io</b> High frequency curvilinear array transducer with 9 to 3 MHz extended operating frequency range for intraoperative ultrasound (IOUS) application. (Compact connector)	1		
7	**FUS5122	<b>C5-1 Transducer</b> 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.	1		
8	**FUS5123	<b>L12-3 Transducer</b> 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	1		
9	**FUS5127	<b>L12-5, 50 Transducer</b> 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 linear array transducer with 12 to 5 MHz extended operating frequency range for small parts, vascular, abdominal, and MSK applications. (Compact connector)	1		
10	**FUS5129	<b>L15-7io Transducer</b> 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)	1		

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Line #	Part #	Description	Qty	Each	Price
11	**FUS6233	C5-1 Biopsy Kit	1		
		C5-1 Biopsy Kit that supports reusable 4 angle biopsy guide (14-23 gauge)			
12	**FUS7000	English Manual	1		
		Operation Manual			
13	**FUS5091	Color Printer	1		
		Externally mounted and controlled, medical grade, high resolution color printer for image documentation. A dedicated isolation transformer is available for purchase.			
14	**FNA8204	1st SVC Manual for Gov	1		
15	SEBLRSVNP1	Customer Note	1		
		Patient Based Query for Modality Worklist is not supported by the CX50. By placing an order for this system, VA acknowledges that Vista DICOM compatibility is not required.			