

VAMC OKLAHOMA CITY, OK  
PO# 635-B36013

Line #	Description	Qty
1	<b>CX50 CompactXtreme General Imaging</b>  <b>Interface:</b> 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  <b>Architecture:</b> 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.  <b>Intelligent Controls:</b> 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.  <b>Transducers:</b> Supports Compact family of transducers featuring PureWave imaging technology in the S5-1, CX7-2t, C5-1, D5CWC and C9-3V. 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.  <b>Modes:</b> 2D M-mode Anatomical M-mode Color M-mode 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)	1

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  
 Cineloop review  
 Acquisition, storage, and display in real-time and duplex modes of up to 500 frames  
 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  
 Scheduled Preventative Maintenance and System Optimization

**2** **Vascular Clinical Option** **1**  
 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, L15, 7io, L12-5 50 and D5cwc transducers.

**3** **NetLink/DICOM 3.0** **1**  
 Provides DICOM 3.0 network Print and Store, Performed Procedure Step (PPS), and Modality Worklist functionality. Networking capability supportable in both wired and wireless environments

**4** **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.

**5** **CX50 Integrated US Client - Allura Xper FD Connect** **1**  
 CX50 IUS Client SW streamlines workflow by offering synchronization of Patient ID information already entered into the Allura Xper system, as well as storage of ultrasound images within the Interventional Study folder.

Enables tableside control of ultrasound exams via the Allura Xper Tableside Module (TSM)

Seamless connection with Allura video system supports comfortable viewing of images on interventional exam room monitors

Operational Requirements:

CX50 Release 2 (or later) software release level.

Philips Allura Xper Release 7 (or later) in Interventional Suite.

Allura Xper Integrated Ultrasound option purchased separately. (IUS functionality requires both "client" and "host" software - CX50 IUS option is "client" software).

6	<b>Cart</b>	1
	Highly mobile cart that includes: 4 swivel wheels with 4 locking casters, rear handle, micropositioning grips, quick-connect tray, utility drawer, 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	<b>USA Power Cord</b>	1
8	<b>C5-1 Broadband Curved Array Transducer</b>	1
	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.	
9	<b>L12-3 Linear Array Transducer</b>	1
	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.	
10	<b>English Manual</b>	1
	Operation Manual	
11	<b>1 Day PAS Onsite</b>	1
	<p><b>1 Day PAS Onsite</b> - Ultrasound system or upgrade onsite training provided by a PAS (Product Applications Specialist) for specific system applications or upgrades; not per modality. <i>Education is provided Monday - Friday during normal business hours.</i> 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. <i>Repeat training for staff non-attendance will not be accepted.</i> 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 &amp; Needle Navigation onsite training (which expires 180 days from system or upgrade installation date).</p>	
	<p>***THE NUMBER OF ONSITE TUITIONS YOU RECIEVE MAY VARY BASED ON PURCHASED OPTIONS. PLEASE CONSULT YOUR SALES REPRESENTATIVE FOR FURTHER DETAILS***</p>	
12	<b>US2791 Bio CX50 CTC3</b>	1
	<p>This course provides technical instruction for biomedical engineers (hospital engineers) on the CX50 Ultrasound System. Students receive instruction on system components, theory of operation, disassembly, reassembly, preventative maintenance and safety checks. Hands-on labs train the students to verify proper equipment operation and diagnostic troubleshooting techniques. Philips support philosophy is explained to facilitate working successfully with our support professionals.</p>	

Upon completion of this course, the student will be able to:

- Operate the system to determine basic functionality
- Collect and deliver system status and failure information (logs and settings) to Philips support organization
- Disassemble and reassemble the major parts of the system

- Perform Preventative Maintenance and Mechanical adjustments
- Back-up and restore user presets
- Install and upgrade system software
- Set-up the system for DICOM communication
- Configure/enable remote connections

Key topics:

- Features
- Theory of Operation
- Disassembly and Reassembly
- System Administration

Prerequisites: Basic computer knowledge, Basic Ultrasound and Transducer knowledge, Networking and DICOM familiarity, ESD training, Electrical Safety Testing.

Accreditation: None.

Location: CTC; Cleveland, OH, USA.

Class Length: 3 days (excludes Saturdays, Sundays, and Philips holidays)

Materials:

- Instructor-presented power point presentations and demonstration videos
- Field Service Manual
- Test is on Philips Learning Center

\* PHILIPS PROPRIETARY MATERIALS SUCH AS DIAGNOSTIC SOFTWARE AND SERVICE DOCUMENTATION ARE NOT INCLUDED IN THE TRAINING AND WILL NOT BE AVAILABLE FOR USE OUTSIDE OF THE TRAINING ENVIRONMENT. THE TRAINEE MUST RETURN ALL PROPRIETARY MATERIALS RECEIVED DURING THE TRAINING AT THE END OF THE TRAINING. CUSTOMER ACKNOWLEDGES AND AGREES THAT NEITHER CUSTOMER NOR TRAINEE WILL RECEIVE A LICENSE TO SUCH PROPRIETARY MATERIALS AND THAT THE TRAINEE MAY NOT BE ABLE TO FULLY UTILIZE THE TRAINING WITHOUT THE USE OF SUCH PROPRIETARY MATERIALS. (CERTAIN LICENSES MAY BE OBTAINED THROUGH PURCHASE OF A PHILIPS RIGHTFIT SERVICE AGREEMENT.) Course dates and location to be finalized by Philips. Philips shall attempt to accommodate Customer requested dates and training location. The price quoted includes course tuition. Travel and living expenses are not included, but may be purchased separately through Philips.

IMPORTANT Notes Regarding Admission to Philips Customer Engineer Training Courses:

1. Trainee must meet all prerequisites
2. Course expires one (1) year from equipment installation date (or purchase date if sold separately)
3. Customer must sign Philips Nondisclosure statement
4. Trainee must sign Philips Nondisclosure statement
5. Customer must sign Philips terms and conditions of training

Includes one (1) participant's airfare from North American customer location to the Cleveland Training Center (CTC) in Cleveland, Ohio. All other expenses will be the responsibility of the attendee. Details are provided during the scheduling process. Note: Cancellation/rescheduling policy strictly enforced. Expires one (1) year from the earlier of equipment delivery date or purchase date.

- |           |  |          |
|-----------|--|----------|
| <b>14</b> | <b>Food Transpt Lodging for<br/>Cleveland Biomed Training</b>  | <b>3</b> |
|           | <p>Includes one (1) day of modest lodging, ground transportation, and meal expenses in Cleveland, Ohio for one (1) attendee. All other expenses will be the responsibility of the attendee. Details are provided during the scheduling process. Note: Cancellation/rescheduling policy strictly enforced. Although this part is only for one day, it is sold in multiple quantities to account for entire length of course. Expires one (1) year from the earlier of equipment delivery date or purchase date.</p> |          |
| <b>15</b> | <b>1st SVC Manual for Gov</b>  | <b>1</b> |