XR-U/S, VAMC PROVIDENCE, RI

PO# 650-B49008

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 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.

Modes:
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)

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 internaldrive 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

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.

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 **Vascular Clinical Option** 1

This clinical option includes Tissue Specific Imaging software and SonoCT for Cerebrovascular, Peripheral vascular, abdominal vascular and Transcrainial 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.

3 **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,

4 **Additional Battery Pack** 1

A multi-cell Lithium polymer smart battery pack that is internal to the CX50. Complies with UL1642, Standard for Safety for Lithium Batteries. 6.4 Amp-Hours minimum (16.8V to 10.8V) 5.17" X 5.360" X 1.14", 840 g.

5	**FUS5047	**Cart**	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.

6		**USA Power Cord**	1
7		**C5-1 Broadband Curved Array Transducer**	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.

8		**L12-3 Linear Array Transducer**	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.

9		**English Manual**	1

Operation Manual

10		**1st SVC Manual for Gov**	1