

VAMC MARTINEZ, CA
PO# 612-B36012

TRADE-IN -
MANUFACTURER: PHILIPS
MODEL: IU22
SERIAL: 02L5N4
ACQ. DATE: 11/18/2005

Line #	Description	Qty
1	iU22 V 2012 Intelligent Design Ergonomics: Unique human-centered design for comfort and convenience Fully articulating flicker-free 20-inch wide format high resolution flat panel TFT/S-IPS display with nearly infinite positioning adjustments Fully articulating control panel, including height, swivel, and slide Easy access transducer connectors and integrated cable storage Digitally enhanced 8 speaker high-fidelity stereo audio Integrated footrest Integrated storage shelves 4 wheel swivel and swivel/brake lock control Architecture xSTREAM system architecture with capability of processing multiple data streams simultaneously built for 2D, 3D, 4D, MPR Next generation digital broadband acoustic beamforming, built for latest pulse shaping and coding techniques Up to 442,368 total digital channels High-bit, low noise, digital circuitry achieves system dynamic range up to 180dB for improved 2D performance and increased Doppler sensitivity New Adaptive Broadband flow imaging automatically adjusts bandwidth for optimal flow sensitivity and resolution Next Generation SonoCT Real-Time Compounding, with Widescreen capability and up to 9 beam-steered lines of sight XRES Adaptive Image Processing for noise and artifact reduction to improve tissue conspicuity Fully independent, multiple mode Triplex operation Transducers Supports new Explora family of transducers that feature: Ergonomic designs with lightweight flexible cables New low-loss technology for better penetration with fewer artifacts Breakthrough frequency bandwidths and array configurations Intelligent Control Interface High-resolution interactive graphical color touch panel with adjustment for various ambient light conditions Easy access primary controls with tri-state backlighting and multi-function controls Control panel operation of on-board peripheral devices Pull out alphanumeric keyboard for manual data entry User interface configurable for languages Automation iSCAN intelligent one-button optimization in 2D and Doppler modes iFOCUS intelligent focusing capability for one-button optimization of focal range size and position iOPTIMIZE intelligent optimization technologies for one-button approach to instantly adapt	1

performance for different patient sizes, flow states and clinical requirements
 High-Q Automatic Doppler Analysis
 Intelligent Tissue Specific Imaging
 Application-specific and user definable Quicktext Automatic Annotation
 QuickSAVE User Defined Programs (up to 45 per transducer)

Data

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 DICOM images or export in JPEG and .avi for PC compatibility
 DICOM 3.0 Print and Store capability to internal drive or DVD/CD

Other Core Features

SmartExam system-guided protocols with new features that include exam record and automatic mode switching to greatly improve workflow efficiencies
 Color Power Angio
 Tissue Harmonics and Pulse Inversion Harmonic Imaging
 Basic 3D Imaging capability with MPR visualization feature
 2D, M-Mode, Pulsed, High PRF, Color Flow Doppler
 Duplex CW Doppler
 ECG capability
 Cineloop Image, M-mode and Doppler Review
 High Definition Write Zoom and Read Zoom with pan features
 Chroma Imaging
 Measurement tools including: distance, depth, area, and circumference
 Volume Flow Measurements
 Ability to send X,Y & Z volume MPR's to most PACS.

Panoramic Imaging

Real-time extended field-of-view composite imaging, acquired in fundamental or SonoCT mode.
 iU22:
 Operates on C5-2, C9-4, C8-5, L12-5, L17-5, L9-3 and V6-2 transducers.

Netlink Dicom 3.0

DICOM 3.0 compliant with support for the following functions: performed procedure step, storage commit, modality worklist, vascular structured reporting, OB structured reporting, GYN structured reporting, and cardiac structured reporting.

2

Vascular Clinical Option Package

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Includes the following:

- Abdominal Clinical Option
- Vascular Clinical Option
- Contrast Clinical Option
- TCD Clinical Option

3

Vascular Automated Doppler

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Auto Doppler provides: auto placement of color flow box and steering angles in relation to vascular structures; auto sample volume placement in the area of greatest flow velocity and Auto angle correction. Auto Doppler works on all linear transducers.

- 4 Vascular High Frequency Transducer Package 1**
Linear array transducers for high resolution superficial vascular and intraoperative vascular applications. Includes the L17-5 and L15-7io transducers. Other applications addressable with this bundle include small parts, breast and musculoskeletal imaging.
- 5 L9-3 Broadband Linear Array transducer 1**
Linear Array transducer with 9 to 3 MHz extended operating frequency range for cerebrovascular and peripheral vascular applications, to include deep venous imaging. Provides unprecedented clinical performance for demanding vascular exams.
- 6 C5-1 Broadband Curved Array Transducer 1**
PureWave curved array transducer with 5 to 1 MHz extended operating frequency range. Must be at Vision 2008 or must purchase Vision 2010 or higher software upgrade.
- iU22 customers:
C5-1 PureWave Curved Array for high performance OB/GYN, Abdominal and Interventional applications. Now, one transducer provides exceptional clinical performance for a wide range of patient types including obese and technically challenging patients.
iE33 customers:
For general purpose adult abdominal vascular and OB fetal echo applications.
- 7 English Manual 1**
Operation Manual
- 8 Implementation Onsite Training 2**
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).
- 9 1 Day ENT ACT w/Travel 1**
1 Day Entitlement ACT with Travel - The 1 Day Advanced Customer Training (ACT) course with travel consists of advanced intensive training on the selected ultrasound system and includes the corresponding travel package.

Entitlement Advanced Customer Training (ACT) Tuitions expire within 180 days from system or upgrade installment date. Due to travel and scheduling requirements, a twenty-one (21) day notification of cancellation is required or training / education entitlements will be forfeited. Curriculum is subject to change without notice.

*****TUITION IS ONLY VALID WHEN PURCHASING A CONFIGURATION WITH 2D QLAB*****
(applies to IE33 only)

11	Airfare to Cleveland for Biomed Training	1
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12 US2787 Bio IU22 IE33 CTC 4 1

Audience: Biomedical engineers, Hospital engineers

- Basic analog and digital electronics knowledge

. Ultrasound and Transducer knowledge

COURSE AIMS:

Upon completion of this course it is expected that the student will be capable of partnering with our service professionals to meet the servicing needs of the customer.

He/she will be able to:

- . Recognize (and scan phantoms) with standard views.
- . Minimally operate the Ultrasound Systems.
- . Isolate and repair minor system failures.
- . Run full system diagnostics (Normal User)

KEY TOPICS:

- . System mechanics
- . User presets backup and restore
- . Dicom setup

* 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 AN ALLIANCE CO; OP 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

13

Trade in Allowance

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Customer represents and warrants that (i) Customer has, and shall have when title passes, good and marketable title to the equipment being traded in and (ii) has the authority to effect such trade in.

Product: 100600.000 iU22 Ultrasound System
Serial Number: 02L5N4
Manufacturer: PHILIPS HEALTHCARE