

V.A. MEDICAL CENTER
BLDG 62
619 S MARION AVE
LAKE CITY, FL 32025-5808

PO# 573-B35008

Line #	Description	Qty
1	iE33 2D Select Vision 2012 Intelligent Design Ergonomics: Unique human-centered design for comfort and convenience Fully articulating flicker-free 20-inch high resolution flat panel display with nearly infinite positioning adjustment 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, Panoramic, MPR, Live xPlane and Live 3D Next generation digital broadband acoustic beamforming, built for latest pulse shaping and coding techniques Dynamically scalable digital channels up to 144,000, designed to accommodate next generation of high frequency imaging and xMATRIX array configurations High-bit, low noise, digital circuitry with exclusive adaptive S/N achieves system dynamic range up to 180dB New Adaptive Broadband flow imaging automatically adjusts bandwidth for optimal flow sensitivity and resolution Advanced 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 and longer cables for some transducers 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 back lighting 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	1

Automation

iSCAN intelligent one-button optimization for adaptive gain compensation
iFOCUS intelligent focusing capability for one-button optimization of focal range position
iOPTIMIZE intelligent optimization for one-button push that automatically adapts system performance for:
different patient size
different flow states
High-Q Automatic Doppler Analysis
Intelligent Tissue Specific
Applications Programs
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|
NetLink/DICOM 3.0 provides network print and store, commit, modality worklist, DICOM Query and Retrieve, and structured reporting
for echo, pediatrics and vascular
Retrospective and prospective clip capture to internal drive or removable media
Integrated DVD/CD burning capability for storage of DICOM images (includes DICOM viewer) or export in
JPEG and .avi for PC compatibility
DICOM 3.0 Print and Media Store capability to internal drive or DVD/CD, network devices.
USB port for import/export of DICOM images (includes DICOM viewer) and export of PC files.

Other Core Features

Color Power Angio
Tissue Doppler Imaging
Cardiac Protocol - Stress Echo, with Defer Selection and Live Compare functions
Tissue Harmonics and Pulse Inversion Harmonic Imaging
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
User Defined Calculations
Application-specific Body Mark selections
Alt Print Control to independently control 3 OEMs
Advanced XRES adaptive real-time image processing
SonoCT Real Time Compound Imaging
Temporary ID

SmartExam

SmartExam system-guided protocols with new features that include exam record and automatic mode switching to greatly improve workflow efficiencies

2	Adult Cardiology Clinical Option	1
	<ul style="list-style-type: none"> Tissue Specific Imaging software for specific transducers in adult cardiac ultrasound applications Display optimization software with Tissue Specific presets for adult cardiac imaging and Doppler applications Analysis software package includes a cardiac imaging protocol and report 	
	<p>For the iE33 system Allows operation of S8-3, S12-4, S5-1, X3-1, X7-2, X7-2t, S7-2omni, Omni III, S7-3t, MiniMulti, D2cwc, D5cwc and L15-7io transducers</p> <p>For the iU22 system Provides vascular reporting and allows operation of X3-1, S7-2omni, S5-1 and D2cwc transducers</p>	
3	D2cwc Static Transducer	1
	Non-imaging 2 MHz PW/CW Doppler transducer for cardiac applications.	
4	S5-1 Broadband Phased Array with PureWave Crystal	1
	Sector array transducer with 5 to 1 MHz extended operating frequency range for adult cardiology adult abdominal vascular, adult renal and TCD applications.	
5	S7-2omni TEE Transducer	1
	High frequency sector array transesophageal transducer for adult cardiology imaging with 7 to 2 MHz extended operating frequency range, true electrocautery suppression, and adaptive autocool. Includes ECG interface cable, disinfection basin and 1 disposable tip protector.	
6	English Manual	1
	Operation Manual	
7	1 Day PAS Onsite	2
	<p>1 Day PAS Onsite - 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 & 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 REPRESENTIVE FOR FURTHER DETAILS***</p>	
8	Airfare to Cleveland for Biomed Training	1
	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.	

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**Food Transpt Lodging for
Cleveland Biomed Training**

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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.

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US2787 Bio IU22_IE33 CTC 4

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iU22 & iE33 Ultrasound Systems

Course Number: US2787

Class Length: 3.5 days (excludes Saturdays, Sundays, and Philips holidays)

Delivery Method: Instructor-led

Modality: Ultrasound, General

Location: Philips Healthcare Academy, Best

Accreditation: Certified

Audience: Biomedical engineers, Hospital engineers

DESCRIPTION:

This course provides an introduction to supporting the iU22 and iE33 Imaging Systems. Students receive fundamental applications training required to understand some clinical uses of these systems. They learn how to image phantoms in order to assess system performance and how to minimally operate the system to better understand the needs of the Sonographer.

This course focuses upon equipment operation, maintenance, DICOM configuration and minor repair. Board level theory and system diagnostics are studied to facilitate repair. Hands-on labs train the student to verify proper equipment operation and learn diagnostic troubleshooting techniques. Philips support philosophy is explained to facilitate working successfully with our support professionals.

For course enrolment and course dates:

Please contact your local Philips representative.

COURSE-WARE:

Student Manual

All course materials are on CSIP level 1.

PREREQUISITES:

- . 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