

100600 iU22 Ultrasound System

System Type: New
Freight Terms:
Warranty Terms:

Special Notations:

Additional Terms:

Line #	Part #	Description	Qty
1	**NNAP010	iU22 Vision 2011 xMATRIX	1
		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, Live Volume Imaging and Live xPlane imaging	
		Next generation digital broadband acoustic beamforming, built for latest pulse shaping and coding techniques	
		Up to 442,176 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	

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		<p>performance for different patient sizes, flow states and clinical requirements</p> <p>High-Q Automatic Doppler Analysis</p> <p>Intelligent Tissue Specific Imaging</p> <p>Application-specific and user definable Quicktext Automatic Annotation</p> <p>QuickSAVE User Defined Programs (up to 45 per transducer)</p> <p>iSTIC on X6-1 allowing automated volume acquisition of cardiac cycle</p> <p>Data</p> <p>On-board workstation-class data management with thumbnail previews and storage of images, loops, and reports</p> <p>Retrospective and prospective clip capture to internal drive or removable media</p> <p>Integrated DVD/CD burning capability for storage of DICOM images or export in JPEG and .avi for PC compatibility</p> <p>DICOM 3.0 Print and Store capability to internal drive or DVD/CD</p> <p>Other Core Features</p> <p>Color Power Angio</p> <p>Tissue Harmonics and Pulse Inversion Harmonic Imaging</p> <p>Basic 3D Imaging capability with MPR visualization feature</p> <p>2D, M-Mode, Pulsed, High PRF, Color Flow Doppler</p> <p>Duplex CW Doppler</p> <p>ECG capability</p> <p>Cineloop Image, M-mode and Doppler Review</p> <p>High Definition Write Zoom and Read Zoom with pan features</p> <p>Chroma Imaging</p> <p>Measurement tools including: distance, depth, area, and circumference</p> <p>Volume Flow Measurements</p> <p>Ability to send X,Y & Z volume MPR's to most PACs</p> <p>Live 3D</p> <p>Provides Live 3D software and Live xPlane software for use with xMATRIX transducers. (xMATRIX transducers are not included and must be purchased separately).</p>	
2	**NNAU918	<p>Efficiency Package</p> <p>Efficiency Package</p> <p>The iU22 Efficiency Package offers a unique combination of features designed to improve workflow and productivity. The package includes Netlink DICOM 3.0, Panoramic, SmartExam, and iCommand options.</p> <p>Netlink DICOM 3.0</p> <p>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.</p> <p>Panoramic</p> <p>Real-time extended field-of-view composite imaging acquired in fundamental or SonoCT mode.</p> <p>SmartExam</p> <p>SmartExam system-guided protocols with new features that include exam record and automatic mode switching to greatly improve workflow efficiencies</p> <p>iCommand Intelligent Voice Control</p> <p>Exclusive Philips voice recognition engine, allowing 'hands free' system control during difficult scanning examinations. Must order head set separately.</p>	1

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3	**NUSD332	Vascular Clinical Option Package Includes the following: <ul style="list-style-type: none">• Abdominal Clinical Option• Vascular Clinical Option• Contrast Clinical Option• TCD Clinical Option	1
4	**FUS8210	Voice Headset Wireless voice headset that operates most system control	1
5	**FUS7271	L9-3 Broadband Linear Array transducer 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.	1
6	**FUS7285	C5-1 Broadband Curved Array Transducer 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.	1
7	**FUS7000	English Manual Operation Manual	1
8	**NNAU870	iU22 Clin Ed with 3D/4D US iU22 3D University - A variety of GI and WHC University course offerings are available to meet your clinical educational needs. These courses range from one to three days in length and offer a wide range of content matter. Please refer to the course catalog for a complete listing of all university courses that you can choose from.	1
9	**NNAU869	iU22 Clinical Education Customer training for days 1 and 2 includes training on basic system functionality, including an overview of system maintenance, system controls, image optimization, system setups, annotation, analysis, reporting , iCOMMAND, review and image management and reporting. Training Objectives: After training, the customer will be competent in:	1

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		<ul style="list-style-type: none">• Locating system controls and peripherals• Using the iU22 to perform ultrasound exams, including measurement, analysis and reporting	

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 Ultrasound Technologist's as identified by the department director. Site must be patient-ready.

US GI 200: iU22 ACT I

- The Advanced Customer Training (ACT) Day I course consists of advanced and intensive training on the iU22 ultrasound system. Upon completion of the Day I ACT, the learner should be able to:

- Explain and apply advanced 2D, color and doppler image optimization skills
- Apply knowledge of analysis tools and setups to customize exam settings
- Explain and discuss the Smart Exam application and customization
- Explain and discuss the features of GI 3DQ with an emphasis on freehand 3D, ISlice and IMT
- Apply knowledge of annotation features and image management tools
- Explain and discuss the features and benefits of Live xPlane Imaging