XR-MAMMO, VAMC SAN DIEGO, CA

PO# 664-B54000

Qty	Product Description

1	SELENIA DIMENSIONS MAMMOGRAPHY SYSTEM, STANDARD, 3D W/2MP COLOR
	SELENIA DIMENSIONS TOMO WITH AWS 5000
	
	Hologic 3D Mammography system with AWS 5000 Motorized, Adjustable-height Operator Console for screening and diagnostic imaging using 2D and 3D mammography.
	
	Includes:
	• X-Ray Gantry:
	  • Constant Potential, High Frequency, Inverter Type Generator
	    • kV Range – 20 kV to 49 kV in 1 kV increments
	    • mAs Range – 3.0 mAs to 500 mAs
	    • mA Range – 10 mA to 200 mA, Lg Focal Spot; 10 mA to 50 mA, Sm Focal Spot
	  • X-Ray Tube:
	    • Tungsten, Bi-Angular, High Speed, High Heat Capacity
	    • Focal Spot Size – 0.3 mm (Lg); 0.1 mm (Sm)
	  • X-Ray Filters:
	    •0.050 mm Rhodium (Rh); 0.050 mm Silver (Ag); 0.70 mm Aluminum (Al)
	  • Anti-Scatter Grid:
	    • HTC Grid w/Auto-Retraction for Geometric Magnification and Tomosynthesis Views
	  • Ambient Operating Temperature – 20°C to 30°C
	• Standard Acquisition Workstation (AWS 5000):
	  • Motorized, adjustable-height flat work surface; pull-out keyboard drawer
	  • CPU – Multi-Core Intel Based CPU
	    • Memory – 16 GB RAM
	    • Hard Drive – 1TB min (approx. 9,000 Screening Mammography Studies)
	    • Storage Media – DVD +/- R/W
	    • Operating System – Operating System – Microsoft Windows 7 / 64 bit

	Operator Monitors
	   • User Interface Display – 1.2 MP Color LCD Display
	   • Image Display – 2 MP Color LCD Display
	• Selenia Dimensions Software, including:
	  • User Access Control
	  • Patient and Study Selection
	  • Imaging Procedure Selection and Definition
	  • X-Ray Parameter Control
	  • Image Review and Acceptance/Rejection
	  • Quality Control
	• Connectivity:
	  • DICOM: Modality Worklist; Storage; Storage Commitment; Query/Retrieve; Print
	  • IHE Profiles: Scheduled Workflow, Patient Information Reconciliation, Mammography Image
	  • Keyboard
	  • Mouse
	
	Training Requirements (US Only):
	• Sites must obtain ACR or State FFDM accreditation before using the Tomosynthesis Modality.
	• If your site has not yet been received FFDM accreditation, you must apply to the ACR or State for FFDM certification. Once that is received, you may contact the MSQA FFDM Certification Extension Program for Tomosynthesis at 301-796-5710.
	
	Necessary Training (Worldwide):
	• Hologic strongly recommends that radiologists attend the ICPME (www.icpme.us) webinar entitled "State of the Art Mammography: The Role of full Field Digital Imaging, Generated 2D images, and Digital Breast Tomosynthesis" prior to reading C-View. This one-hour, on demand webinar is available 24/7 at no charge. Physicians (US) can earn 1 CME. Existing Hologic C-View customers as well as new users are encouraged to attend this training.
	
	SecurView Recommendations (if used for image review):
	• SecurView DX (v7.3.1 or higher), sold separately, for radiologist diagnostic reading:
	  • SecurView Tomosynthesis License (one per SecurView DX), sold separately
	  • SecurView Standalone or SecurView Client Computer: Dell Precision T7500
	  • SecurView DX Manager Computer: SecurView Dell PowerEdge T610
	  • SecurView DX Standalone or Client Displays: Barco Nio, Coronis or High Brightness LCD Displays (CRTs are not supported)
	  • SecurView DX Tomo-ready Keypad
	• SecurView RT (v7.3.1 or higher), sold separately, for technologist quality review, print coordination, etc
	  • SecurView Standalone or SecurView Client Computer: Dell Precision T7500
	  • SecurView RT Manager Computer: SecurView Dell PowerEdge T610
	• Please consult your Hologic Technical Sales Specialist for more details on the above (US only)
	
	Warranty:
	• Standard One-Year Parts and Labor Warranty; Two-Year Prorated Manufacturer's Warranty on X-Ray Tube

1	ACCESSORY KIT, 3D, SELENIA DIMENSIONS STANDARD
	Hologic 3D Mammography accessory kit for Selenia Dimensions 3D AWS 5000 imaging systems.
	
	Includes:
	• Standard Compression Paddles:
	  • 24 cm x 29 cm Screening Paddle
	  • 18 cm x 24 cm Screening Paddle
	• Standard Diagnostic Paddles:
	  • 10 cm Contact Paddle
	  • 10 cm Contact Paddle, Magnification
	• X-Ray Shield and Mounting Kit
	• Other Accessories:
	  • 7.5 cm Spot Contact Paddle -- for use during Quality Control testing only
	  • Face Shields: Fixed, for 2D Mammography; Sliding, for 3D Mammography
	  • Magnification Platform
	  • Flat-field Block Phantom and Case

		• Tomosynthesis Geometry Calibration Phantom
		  • Dual-Function Gantry Footswitches (2)
		  • Dimensions Interconnect Cable Kit

1		**TRADE IN - HOLOGIC - DIGITAL MAMMOGRAPHY** Trade-in allowance for a Hologic digital mammography system. Applies only to Hologic or Lorad brand digital mammography systems. Transfer of Ownership to Hologic must be completed to guarantee pricing of the overall deal.

1		**DIMENSIONS DETECTOR**
		Hologic 3D Mammography Digital Image Receptor for Selenia Dimensions 2D/3D imaging systems.
		
		Includes:
		• Digital Image Receptor
		  • Amorphous Selenium, TFT
		  • Structure – Single 24 cm x 29 cm Plate
		  • Image Matrix Sizes – 2560 x 3328 (18 cm x 24 cm); 3328 x 4096 (24 cm x 29 cm)
		  • Pixel Size – 0.070 mm
		  • Limiting Spatial Resolution – 7.1 lp/mm

1		**LICENSE KEY, DIMENSIONS 1.7 SYSTEM LICENSE** The Dimensions 1.7 System License enables the Dimensions or Avia system to run version 1.7 software. This license is required for proper operation of the system. NOTE: This license does not entitle the system to newer versions of 1.7 software; any such entitlement comes from the Dimensions or Avia system warranty or under the terms of the Hologic Service Contract covering the system.
1		**LICENSE KEY, DIAGNOSTIC PROCEDURES** The Diagnostic Imaging Software License enables the Dimensions or Avia system to acquire images with paddles other than the 18x24, 24x29 and small breast paddles. It also enables the use of the magnifications stand and all interventional paddles.
1		**LICENSE KEY, DYNAMIC TUBEHEAD MOTION** The Dynamic Tube Head Motion Software License enables the dynamic motion of the X-ray Tube Head for use on Dimensions systems. It allows the system to acquire X-ray exposures with the tube head at angles other than zero degrees relative to the breast tray. NOTE: This part number should not be ordered for Avia systems. In the case of Avia, the Dynamic Tube Head Motion Software Licenses is separately authorized for use in biopsy and tomosynthesis imaging procedures.
1		**LICENSE KEY, HOLOGIC 3D MAMMOGRAPHY IMAGING** The Hologic 3D Mammography Imaging License enables the Dimensions or Avia system to acquire 3D data sets in Tomo or Combo imaging modes. If configured with a C-View Software license (sold separately), the system can also acquire images in TomoHD and ComboHD imaging modes. If configured with an I-View Software license (sold separately), the system can additionally acquire images in CE2D Combo imaging mode. Training Requirements (US Only): • Sites must obtain ACR or State FFDM accreditation before using the Tomosynthesis Modality. • If your site has not yet been received FFDM accreditation, you must apply to the ACR or State for FFDM certification. Once that is received, you may contact the MSQA FFDM Certification Extension Program for Tomosynthesis at 301-796-5710. Necessary Training (Worldwide): • Hologic strongly recommends that radiologists attend the ICPME (www.icpme.us) webinar entitled "State of the Art Mammography: The Role of full Field Digital Imaging, Generated 2D images, and Digital Breast Tomosynthesis" prior to reading C-View. This one-hour, on demand webinar is available 24/7 at no charge. Physicians (US) can earn 1 CME. Existing Hologic C-View customers as well as new users are encouraged to attend this training.
1		**DIGITAL MAMMOGRAPHY FOR TECHS COURSE** The Digital Mammography Essentials for Technologists course presents the essential principles, imaging strategies, and advanced topics of digital mammography and can serve as a valuable companion to hands-on training in this modality. It is intended for medical imaging professionals who plan to practice digital mammography, and it also can be used by technologists and physicians to fulfill the MQSA requirement of 8 hours training in a new mammographic modality. The course consists of four comprehensive study modules in a convenient storage case. Each module is a 40-50 page curriculum in easy-to-follow text, with an abundance of illustrations, clinical images and summaries, written in the language of the radiological technologist.

	Topics: • Getting to Know Digital Mammography • Hardware and System Operation • Image Formation and Quality • Advanced Topics in Digital Mammography
1	DIMENSIONS 2D TRAINING, INITIAL, 3 DAYS, 1 SITE, MAX 5 TECHS * Three (3) Consecutive days of Applications Training for up to 5 Technologists per site. * Applications must be completed within 12 months of equipment shipment * Please note: Cancellation must be made 48 hours prior to the end of the business week before your scheduled applications to avoid cancellation fees * Initial Applications Added Value: $5,100.00
1	DIGITAL BREAST TOMOSYNTHESIS FOR TECHS COURSE The Digital Breast Tomosynthesis Essentials course presents the essential principles, imaging strategies, and advanced topics of digital breast tomosynthesis and can serve as a valuable companion to hands-on training in this modality. It is intended for medical imaging professionals who plan to practice digital breast tomosynthesis, and it can be used by technologists to fulfill the MQSA requirement of 8 hours of training in a new mammographic modality. Please note, mammographers must have 8 hours of training on digital mammography plus 8 hours of training on digital breast tomosynthesis (for a total of 16 hours) prior to performing digital breast tomosynthesis exams on patients. The course consists of three comprehensive study modules in a convenient storage case. Each module is a 40-50 page curriculum of easy-to-follow text, with an abundance of illustrations, clinical images and summaries, written in the language of the clinical mammographer. Topics: • Getting to Know Digital Breast Tomosynthesis • DBT Hardware and System Operation • DBT in Clinical Practice
1	DIMENSIONS 3D TRAINING, INITIAL, 2 DAYS, 1 SITE, MAX 5 TECHS * Three (3) Consecutive days of applications Training. 2 days for Technologists up to 5 techs per site and 1 day of training for Radiologists training up to 3 Rads per site. * Applications must be completed within 12 months of equipment shipment. This training cannot be performed until FFDM certification extension is received for Tomosynthesis. * Please note: Cancellations must be made 48 hours prior to the end of the business week before your scheduled applications to avoid cancellation fees. * Initial Applications Added Value: $5,100.00
1	DIMENSIONS 3D EDUCATION MEDPHYS, INITIAL, 8 HOURS, 1 SITE, MAX 2 PHYSICISTS Included in the price are 8 hours of Hologic tomosynthesis educational training for up to 2 physicists. This consists of 3 hours of Online training; and, 5 hours of QC training with a Hologic Field Engineer. Education must be completed within 12 months of equipment shipment. Visit www.hologic.com/medical-professionals for a list of Hologic educational opportunities. Added Value: $1,500.00
1	DIMENSIONS 3D EDUCATION RAD, INITIAL, 8 HOURS, 7 RADIOLOGISTS, MAX 2 RAD PER SVDX Tomo Modality – Radiologist (WebEx training requires SecurViewDX) Included in the price of your system are 8 hours of Hologic Tomosynthesis educational training for up to 7 radiologists. Radiologists can either participate in Essentials of 3D Breast Tomosynthesis Interpretation (virtual course), live Hologic hosted, or a live online course streamed via WebEx. The virtual course is streamed through the internet on a standard computer with 24/7 access. The WebEx training requires a SecurViewDX workstation (licensed for Tomosynthesis) and a separate computer with internet connection; ONLY two radiologists per SecurViewDX workstation. Please refer to SecurView hardware/software Minimums. Education must be completed within 12 months of equipment shipment. Excludes travel and expenses. Visit www.hologic.com/training for a list of Hologic educational opportunities. Added Value: $5,250.00
1	SERVICE FLAG, SITE'S FIRST TOMO SYSTEM
1	SERVICE FLAG, INSTALLATION
1	DIMENSIONS C-VIEW SOFTWARE LICENSE AND KIT Enables Hologic 3D Mammography Imaging on Dimensions systems. Provides the ability to perform Combo (2D+3D) screening procedures and 3D diagnostic procedures. If added to a Dimensions system with I-View Contrast Enhanced 2D Imaging, this license also makes it possible to acquired CE2D Combo studies. If a

	C-View Generated 2D Software License is added, imaging procedures can be done in ComboHD and TomoHD modes. Includes: • Hologic 3D Mammography Imaging Software License • Sliding face shield • Tomosynthesis geometry calibration phantom Training Requirements (US Only): • Sites must obtain ACR or State FFDM accreditation before using the Tomosynthesis Modality. • If your site has not yet been received FFDM accreditation, you must apply to the ACR or State for FFDM certification. Once that is received, you may contact the MSQA FFDM Certification Extension Program for Tomosynthesis at 301-796-5710. Necessary Training (Worldwide): • Hologic strongly recommends that radiologists attend the ICPME (www.icpme.us) webinar entitled "State of the Art Mammography: The Role of full Field Digital Imaging, Generated 2D images, and Digital Breast Tomosynthesis" prior to reading C-View. This one-hour, on demand webinar is available 24/7 at no charge. Physicians (US) can earn 1 CME. Existing Hologic C-View customers as well as new users are encouraged to attend this training.

1	AFFIRM BREAST BIOPSY GUIDANCE SYSTEM
	The Affirm breast biopsy guidance system for Selenia Dimensions systems that supports upright stereotactic guided biopsy and wire localization. It supports fast positioning through motorized X and Y axis guidance, with manual Z direction positioning, and is supplied with a single Selenia Dimensions Stereotactic Biopsy software license; additional licenses can be purchased to allow use of a single Affirm on multiple Selenia Dimensions systems.
	
	Includes:
	• Affirm Breast Biopsy Guidance Module
	• Affirm Guidance Control Module with touch-screen display
	• One Selenia Dimensions Stereotactic Biopsy software license
	• Biopsy Compression Paddles:
	  • Standard biopsy compression paddle (biopsy window: 5.4 cm x 5.2 cm);
	  • Axillary biopsy compression paddle (biopsy window: 5.4 cm x 5.2 cm);
	  • Wide biopsy compression paddle (biopsy window: 7.4 cm x 6.2 cm).
	• Quality assurance needle
	• Needle guide holder
	• Geometry calibration phantom
	• Affirm Tabletop Stand
	• Affirm User's Manual
	• Affirm Service Manual
	
	Requirements:
	• 2 MP grayscale, medical grade LCD display or higher is strongly recommended
	• Selenia Dimensions software version 1.5.2 or higher
	• Note: Tomosynthesis Biopsy Software License (sold separately) requires Selenia Dimensions software 1.7 or later

1	FMI KIT, DIMENSIONS 1.7 TOMO BIOPSY The Affirm Tomosynthesis Biopsy Option Software License provides the ability to easily and accurately target lesions with tomosynthesis imaging including lesions that may only be found under tomosynthesis. This license provides the ability to use Affirm Tomosynthesis Biopsy Option Software on one (1) Selenia Dimensions tomosynthesis system that has an Affirm upright biopsy license. Also included is a tomosynthesis biopsy QAS needle. Requirements: * Selenia Dimensions system with tomosynthesis option * Selenia Dimensions software version 1.7 or higher * Affirm upright breast biopsy guidance system * 2 MP grayscale, medical grade LCD display or higher
1	KIT, DIAGNOSTIC PADDLES The optional expanded compression paddle kit includes the following extra paddles: (a) Small breast screening paddle (b) Frameless spot paddle (c) 7.5 cm spot contact paddle (d) 7.5 cm spot magnification paddle This compression paddle kit is designed to enhance both screening and diagnostic

		patient imaging procedures for the AWS 5000 configuration.
1		KIT, SDM NEEDLE LOCALIZATION Needle Localization Kit for Selenia Dimensions Includes: Contact Localization Crosshairs (for both contact and magnification procedures) 10 cm Open Localization Paddle 10 cm Open Localization Paddle for Magnification (ASY-02385,ASY-02258,ASY-01993 & ASY-02163)
1		USE EXISTING CENOVA 2D C-SERIES SERVER
1		CAD TRAINING, INITIAL, 1 DAY, 1 SITE, MAX 10 RADS * One (1) day of Applications Training. Training for up to 10 Rads * Applications must be completed within 12 months of equipment shipment. This training cannot be performed until FFDM certification extension is received for Tomosynthesis. * Please note: Cancellations must be made 48 hours prior to the end of the business week before your scheduled applications to avoid cancellation fees. * Initial Applications Added Value: $2,500.00
4		RACK, PADDLE STORAGE Paddle storage rack designed for use with all Selenia Dimensions configurations. Rack holds approximately 3-4 Dimensions paddles.Hologic recommends a minimum of 3 racks for Dimensions with AWS 8000 and a minimum of 2 racks for Dimensions with AWS 5000. Approximate paddle rack dimensions: Length: 36 1/4" Depth: 4" (from the wall out) Height: 7" Pitch of 12" to 14" when multiple racks are installed over each other. Price includes wall mounting bracket component. Does not include installation.
1		NON SERVICE CONTRACT UPGRADE TO CENOVA W/ HW (TOWER), US Upgrade earlier versions of Cenova™ to the latest available versions of Cenova hardware and software in order to operate the newest ImageChecker® CAD, Quantra™ Breast Density Assessment and/or BACS™ algorithms, depending on licensed ports. Used for customer with a P3 or P4 computer. Includes: • Hologic's latest Cenova Processing Unit Server • Windows 7 operating system • Dynamic resource management and case control • Output transmission re-try mechanism • Flexible output routing to multiple output destinations • Computer Server • Compact footprint • Choice of output formats • Hologic Connect™ remote system diagnostic software for post-installation service and applications support; conforms with Verisign security Requires: • Purchase of port upgrades for each Cenova ImageChecker CAD or Quantra port • Specify manufacturer, and model of FFDM system at time of order - Specifiy Cenova S/N Reminder - to run advanced Image Analytics featreus need 7.2 Warranty: • Standard One-Year Parts and Labor Warranty. * Restrictions: • ImageChecker CAD on Cenova supports Hologic, GE, and Siemens Novations systems THIS ITEM IS FOR USE WITH 2D IMAGES ONLY
1		CENOVA DIGITAL PORT LICENSE TRANSFER Provides license transfer from one configuration to another. Allows an existing ImageChecker CAD port or Quantra port to be migrated from one digital manufacturer FFDM model to another manufacturer's FFDM model. Also allows an existing ImageChecker CAD port, DigitalNow HD or Quantra port to be migrated from one Cenova server to another, preserving the investment in R2 Image Analytics software

		products.
		
		Includes:
		  * Support for transferring one ImageChecker CAD port or Quantra port:
		  * Between manufacturers (e.g. GE to Hologic)
		  * Between models (e.g. Hologic Selenia to Hologic Selenia Dimensions)
		  * From one Cenova server to another
		
		NOTE: Cenova serial number must be provided.

1		PRODUCT, ADAPTER, EVIVA, AFFIRM KIT Provides secure mounting of Eviva handpieces onto the Affirm Biopsy Guidance System.
1		DIMENSIONS BIOMED TRAINING, 7.5 DAYS, 1 ENGINEER Two Week Bio-Medical Service Training Class (Bedford, MA) The purpose of this class is to introduce students to the operation, theory and periodic maintenance of the Selenia Dimensions Full Field Digital Mammography system. This will be accomplished with a series of lab exercises that will build off of the successful completion of the previous exercise. Required Prerequisites include: All on site Dimensions systems should be installed to at least software revision 1.7.2.x prior to students attending this class. Students should possess a basic understanding of x-rays systems, x-ray theory, and image quality. A solid foundation in basic electricity and electronics is essential. An understanding of Windows 7 is highly beneficial, as is some background in basic networking and DICOM. Cost is for tuition only. Travel, room and board at attendee's expense. Biomed training should be completed within 12 months of system shipment. Attendee (and attendee's facility mgt) will be required to sign a binding Non-Disclosure Agreement prior to acceptance into this program
1		DBI DECUBITUS BREAST BIOPSY TABLE, 4 DROP SECTIONS, DOM Ergonomically designed, versatile table to perform stereotactic procedures in a decubitus position on upright stereotatic mammography systems. The table provides 360° access to the breast for the shortest skin-to-lesion distance, regardless of location. Specifications: • Exam drop sections: 2 on each side: one for physician, one for receptor • Dimensions: (27" x 72") • Weight: 315 lbs • Height: Electrically adjustable (26" to 38") • Capacity: 1000 lb load, 500 lb lift • Adjustable head and back support • Interchangeable head and foot sections • Hand controller (no memory) • Individual locking casters • On-site in-service training • 1 Year manufacturer's warranty for electrical, mechanical & structural; 1 year parts and labor
1		TRAVEL AND LIVING EXPENSES FOR SDM BIOMED TRAINING FOR ONE PERSON (US MILITARY / VA ONLY) To be coordinated through Hologic's Corporate Travel Department and completed within 12 months after installation. Training must be completed within 12 months of equipment shipment.
1		ALL-IN-ONE BREAST BIOPSY SYSTEM FOR BIOPSIES UNDER STEREOTACTIC, ULTRASOUND OR MRI GUIDANCE. - Stereotactic, Ultrasound & MRI compatible - Console requires an adapter for each STX table Includes: - Two days on-site training - One year standard parts and labor warranty - Title passes to customer.

Warranty Information:
12 Months Parts and Labor