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V.A. Medical Cente

VA MEDICAL CENTER

650 E INDIAN SCHOO

PHOENIX, AZ 85012

P.O.# 644-B58031

Qty		Product Description

1	.	SELENIA DIMENSIONS MAMMOGRAPHY SYSTEM, 3D
		SELENIA DIMENSIONS TOMO WITH AWS 8000
		
		Hologic 3D Mammography system with AWS 8000 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
		• Advanced Acquisition Workstation (AWS 8000):
		  • Advanced ergonomic design; 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 –Microsoft Windows 7 / 64 bit
		  • Operator Monitors
		    • User Interface Display – 1.2 MP Color LCD Touch-Screen Display

		• Image Display – 3 MP Monochrome Medical Grade LCD Display
		• Monitor swing-arm
		• Biometric Fingerprint Reader for quick login
		• 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
		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.
		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** Hologic 3D Mammography accessory kit for Selenia Dimensions 3D AWS 8000 imaging systems. Includes: • X-Ray Shield and Mounting Kit • Standard Compression Paddles: • 24 cm x 29 cm Screening Paddle • 18 cm x 24 cm Screening Paddle • Small Breast Paddle • Standard Diagnostic Paddles: • 10cm Spot Contact Paddle, Frameless • 10 cm Contact Paddle • 7.5 cm Spot Contact Paddle • 10 cm Contact Paddle, Magnification • 7.5 cm Spot Contact Paddle, Magnification • Other Accessories: • 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		**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
1		MANUAL PKG, SEL DIMENSIONS 2D/3D (USA) Documentation package for Selenia Dimensions 3D imaging systems. Includes: • User Manual • Service and Maintenance Manual • Quality Control Manual
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		DIMENSIONS 2D TRAINING, ADDITIONAL, 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
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 attend a live non-CME Hologic Tomosynthesis course or a live online course streamed via WebEx. The online 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/medical-professionals 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		**SDM, MODALITY PERFORMED PROCEDURE STEP (MPPS) LICENSABLE OPTION** Software License enables use of DICOM Modality Performed Procedure Step (MPPS) transactions. It allows the Dimensions or Avia system to communicate completed procedure steps to the RIS system as soon as they have occurred. Includes: • MPPS Software License Note: Although, MPPS may be used to transfer dose information related to the procedure back to the RIS system, MPPS is no longer the preferred method for communicating X-ray Radiation Dose Information. Consider DICOM Radiation Dose SR as an alternative.
1		**SDM, BI-DIRECTIONAL COMMUNICATION LICENSABLE OPTION** Software License enables bi-directional communications between the technologist at the Dimensions 8000, Dimensions 5000 or Avia operator's console and the radiologist at the SecurView workstation. This software license also supports seamless operation with the Advanced Workflow Manager, sold separately. Includes: • Bi-Directional Communications Software License
1		**DIMENSIONS C-VIEW SOFTWARE LICENSE AND KIT** C-View software uses tomosynthesis slices to generate 2D images without the need for an additional FFDM exposure, providing a lower dose and faster tomosynthesis exam. This 2D image is designed to appear similar to and serve the same purpose as a 2D FFDM mammogram when used as part of a tomosynthesis screening study; and, is interpreted in combination with a tomosynthesis images to make a clinical decision or diagnosis. This license provides the ability to use the C-View software on one (1) Selenia Dimensions tomosynthesis system. Includes: • C-View 2D imaging license (1) • High powered graphics processor (1) • Manual Output: • DICOM Digital Mammography Image (MG) or Breast Tomosynthesis Image object (BTO) Requirements:

		• Selenia Dimensions system with tomosynthesis option • Selenia Dimensions software version 1.7 or higher • Additional hardware requirements may apply. Please provide the Dimensions serial number(s) at the time of order. If softcopy review of tomosynthesis images is via SecurView diagnostic workstation, the following SecurView recommendations apply: • SecurView diagnostic workstation software 8.2.1 or higher
1		KIT, FMI, ADDITIONAL LICENSE KEY FOR AFFIRM BREAST BIOPSY GUIDANCE SYSTEM Enables the use of Affirm on one additional Selenia Dimensions system in stereotactic (2D) mode only. Requirements: MP grayscale, medical grade LCD display or higher Selenia Dimensions software version 1.5.2 or higher"ATEC CANISTER Canister with Lid to be used with the ATEC Pearl, ATEC Sapphire, and ATEC Emerald consoles. Each box contains 10 pieces.
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		SECURVIEW TOMOSYNTHESIS LICENSE This license enables the display of tomosynthesis images on a SecurView DX or RT workstation that is in use at a customer site. NOTE: the system serial number of the workstation must be supplied. If the workstation is part of a multi-workstation cluster, the serial number of the Manager must also be supplied.
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		R2 CENOVA 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		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
3		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.

Warranty Information:
12 Months Parts and Labor