

**IMAGING SERVICE**

**LOGISTICS DEPT - UD**

**V.A. Medical Center**

**UNIVERSITY DRIVE C**

**BLDG 1, RECEIVING DOCK**

**PITTSBURGH, PA 15240**

**646-B52014**

**TRADE-IN EE# 336397 SIEMENS**

**MAMMOMAT NOVATION SN# TB381A0357**

**ACQUIRED: SEPTEMBER 12, 2009**

Qty	Product Number	Product Description
1		<p>SELENIA DIMENSIONS MAMMOGRAPHY SYSTEM, STANDARD, 2D W/2MP COLOR SELENIA DIMENSIONS 2D WITH AWS 5000</p> <p>Hologic 2D Mammography system with AWS 5000 Motorized, Adjustable-height Operator Console for screening and diagnostic imaging using 2D mammography. Upgradable to Hologic 3D Mammography imaging in the future.</p> <p>Includes:</p> <ul style="list-style-type: none"><li>• X-Ray Gantry:<ul style="list-style-type: none"><li>• Constant Potential, High Frequency, Inverter Type Generator<ul style="list-style-type: none"><li>• kV Range – 20 kV to 49 kV in 1 kV increments</li><li>• mAs Range – 3.0 mAs to 500 mAs</li><li>• mA Range – 10 mA to 200 mA, Lg Focal Spot; 10 mA to 50 mA, Sm Focal Spot</li></ul></li></ul></li><li>• X-Ray Tube:<ul style="list-style-type: none"><li>• Tungsten, Bi-Angular, High Speed, High Heat Capacity</li><li>• Focal Spot Size – 0.3 mm (Lg); 0.1 mm (Sm)</li></ul></li><li>• X-Ray Filters:<ul style="list-style-type: none"><li>• 0.050 mm Rhodium (Rh); 0.050 mm Silver (Ag); 0.70 mm Aluminum (Al)</li></ul></li><li>• Anti-Scatter Grid:<ul style="list-style-type: none"><li>• HTC Grid w/Auto-Retraction for Geometric Magnification and Tomosynthesis Views</li></ul></li><li>• Ambient Operating Temperature – 20°C to 30°C</li></ul> <p>• Standard Acquisition Workstation (AWS 5000):</p> <ul style="list-style-type: none"><li>• Motorized, adjustable-height flat work surface; pull-out keyboard drawer</li><li>• CPU – Multi-Core Intel Based CPU<ul style="list-style-type: none"><li>• Memory – 16 GB RAM</li><li>• Hard Drive – 1TB min (approx. 9,000 Screening Mammography Studies)</li><li>• Storage Media – DVD +/- R/W</li></ul></li></ul>

		<ul style="list-style-type: none"> <li>• Operating System –Microsoft Windows 7 / 64 bit</li> <li>• Operator Monitors <ul style="list-style-type: none"> <li>• User Interface Display – 1.2 MP Color LCD Display</li> <li>• Image Display – 2 MP Color LCD Display</li> </ul> </li> <li>• Selenia Dimensions Software, including: <ul style="list-style-type: none"> <li>• User Access Control</li> <li>• Patient and Study Selection</li> <li>• Imaging Procedure Selection and Definition</li> <li>• X-Ray Parameter Control</li> <li>• Image Review and Acceptance/Rejection</li> <li>• Quality Control</li> </ul> </li> <li>• Connectivity: <ul style="list-style-type: none"> <li>• DICOM: Modality Worklist; Storage; Storage Commitment; Query/Retrieve;</li> </ul> </li> </ul> <p>Print</p> <ul style="list-style-type: none"> <li>• IHE Profiles: Scheduled Workflow, Patient Information Reconciliation,</li> </ul> <p>Mammography Image</p> <ul style="list-style-type: none"> <li>• Selenia Dimensions Software Licenses, including: <ul style="list-style-type: none"> <li>• Selenia Dimensions System License</li> <li>• Diagnostic Imaging License</li> <li>• Dynamic Tube Head Motion License</li> </ul> </li> <li>• Keyboard</li> <li>• Mouse</li> </ul> <p>Training Requirements (US Only):</p> <ul style="list-style-type: none"> <li>• If your site has not yet been received FFDM accreditation, you must apply to the ACR or State for FFDM certification.</li> </ul> <p>SecurView Recommendations (if used for image review):</p> <ul style="list-style-type: none"> <li>• SecurView DX (v7.3.1 or higher), sold separately, for radiologist diagnostic reading: <ul style="list-style-type: none"> <li>• SecurView Standalone or SecurView Client Computer: Dell Precision T7500</li> <li>• SecurView DX Manager Computer: SecurView Dell PowerEdge T610</li> <li>• SecurView DX Standalone or Client Displays: Barco Nio, Coronis or High Brightness LCD Displays (CRTs are not supported)</li> </ul> </li> <li>• SecurView RT (v7.3.1 or higher), sold separately, for technologist quality review, print coordination, etc. <ul style="list-style-type: none"> <li>• SecurView Standalone or SecurView Client Computer: Dell Precision T7500</li> <li>• SecurView RT Manager Computer: SecurView Dell PowerEdge T610</li> </ul> </li> <li>• Please consult your Hologic Technical Sales Specialist for more details on the above (US only)</li> </ul> <p>Warranty:</p> <ul style="list-style-type: none"> <li>• Standard One-Year Parts and Labor Warranty; Two-Year Prorated Manufacturer's Warranty on X-Ray Tube</li> </ul>	
1		<p>ACCESSORY KIT, 2D, SELENIA DIMENSIONS STANDARD</p> <p>Hologic 3D Mammography accessory kit for Selenia Dimensions 2D AWS 5000 imaging systems.</p> <p>Includes:</p> <ul style="list-style-type: none"> <li>• Standard Compression Paddles: <ul style="list-style-type: none"> <li>• 24 cm x 29 cm Screening Paddle</li> <li>• 18 cm x 24 cm Screening Paddle</li> </ul> </li> <li>• Standard Diagnostic Paddles: <ul style="list-style-type: none"> <li>• 10 cm Contact Paddle</li> <li>• 10 cm Contact Paddle, Magnification</li> </ul> </li> <li>• X-Ray Shield and Mounting Kit</li> <li>• Other Accessories: <ul style="list-style-type: none"> <li>• 7.5 cm Spot Contact Paddle -- for use during Quality Control testing only</li> <li>• Face Shields: Fixed, for 2D Mammography</li> <li>• Magnification Platform</li> <li>• Flat-field Block Phantom and Case</li> <li>• Dual-Function Gantry Footswitches (2)</li> <li>• Dimensions Interconnect Cable Kit</li> <li>• Documentation package: <ul style="list-style-type: none"> <li>• User Manual</li> </ul> </li> </ul> </li> </ul>	

		<ul style="list-style-type: none"> <li>• Service and Maintenance Manual</li> <li>• Quality Control Manual</li> </ul>		
1		<b>TRADE IN - COMPETITIVE - DIGITAL MAMMOGRAPHY</b> Trade-in allowance for a competitor (non-Hologic) digital mammography system. Does not apply to Hologic or Lorad brand digital mammography systems. Transfer of Ownership to Hologic must be completed to guarantee pricing of the overall deal.		
1		<b>DIMENSIONS DETECTOR</b> Hologic 3D Mammography Digital Image Receptor for Selenia Dimensions 2D/3D imaging systems.  Includes: <ul style="list-style-type: none"> <li>• Digital Image Receptor               <ul style="list-style-type: none"> <li>• Amorphous Selenium, TFT</li> <li>• Structure – Single 24 cm x 29 cm Plate</li> <li>• Image Matrix Sizes – 2560 x 3328 (18 cm x 24 cm); 3328 x 4096 (24 cm x 29 cm)</li> <li>• Pixel Size – 0.070 mm</li> <li>• Limiting Spatial Resolution – 7.1 lp/mm</li> </ul> </li> </ul>		
1		<b>LICENSE KEY, DIMENSIONS 1.7 SYSTEM LICENSE</b> 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		<b>LICENSE KEY, DIAGNOSTIC PROCEDURES</b> 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		<b>LICENSE KEY, DYNAMIC TUBEHEAD MOTION</b> 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		<b>DIGITAL MAMMOGRAPHY FOR TECHS COURSE</b> 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: <ul style="list-style-type: none"> <li>• Getting to Know Digital Mammography</li> <li>• Hardware and System Operation</li> <li>• Image Formation and Quality</li> <li>• Advanced Topics in Digital Mammography</li> </ul>		
1		<b>DIMENSIONS 2D TRAINING, INITIAL, 3 DAYS, 1 SITE, MAX 5 TECHS</b> * 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		<b>PRODUCT, MAMMOPAD, MP301, DEMONSTRATION PRODUCT, QTY 25</b> Starter supply of twenty-five (25) 29 x 30 cm MammoPad Breast Cushions MammoPad Initial Order Form		
1		<b>MAMMOPAD MARKETING PACKET</b> Educational Information: "Technical Analysis of Radiolucent Breast Cushions" "Marketing Digital Mammography and a Mammography Breast Cushion to Increase"		
1		<b>PINK RIBBON FACILITY FIELD GUIDE</b> A comprehensive business development guide, provided by Hologic, full of proven		

		marketing materials and communication strategies to support your individual business-building efforts. Value Added List Price: \$5,000.00			
1		SERVICE FLAG, INSTALLATION			
1		<p><b>IMAGECHECKER CAD (10.0) LICENSE FOR ONE FFDM</b></p> <p>The ImageChecker Digital CAD and Citra Core Software Licenses add an ImageChecker digital mammography CAD port license to a Cenova server. Provides the right to use this CAD port license to process images from a single 2D full-field digital mammography system. The Citra Core software license enables RightOn, Malc, PeerView Digital, EmphaSize and LesionMetrics features to provide additional information about why ImageChecker CAD marked specific regions.</p> <p>Includes:</p> <ul style="list-style-type: none"> <li>ImageChecker Digital CAD Software License, supports: <ul style="list-style-type: none"> <li>Hologic, GE and Siemens Novations 2D FFDM systems</li> <li>Hologic C-View 2D images</li> </ul> </li> <li>Citra* Core Software License supports: <ul style="list-style-type: none"> <li>RightOn CAD marks placed right on the region-of-interest to unambiguously flag the location</li> <li>Malc CAD marks placed where the algorithm sees signs of both density and calcifications</li> <li>PeerView Digital to show exactly the tissue that caused CAD to mark the region</li> <li>EmphaSize to differentiate CAD marks that have more prominent features</li> <li>LesionMetrics to display additional information about the finding</li> </ul> </li> </ul> <p>Requires:</p> <ul style="list-style-type: none"> <li>A Cenova server (minimum Cenova 2.4)</li> <li>Specify manufacturer, and model of FFDM system at time of order</li> <li>For CAD on C-View, Dimensions system must be minimum at v1.8.2</li> <li>For CAD on C-View, it is recommended that SecurView version is minimum at v8.3</li> </ul> <p>*Restrictions:</p> <ul style="list-style-type: none"> <li>Advanced ImageChecker CAD features such as the Malc Mark, PeerView Digital, EmphaSize and LesionMetrics require workstations that conform to proper display of those features. They can be disabled for use with other non-conformant workstations. The customer needs to check with their workstation vendor</li> <li>This item is for use with 2D Images only.</li> <li>Verify with the Technical team that the number of licenses on a server can be adequately supported.</li> <li>Order additional licenses for each additional FFDM system.</li> </ul> <p>With respect to the future development path of our products, during the warranty period and during the term of any Hologic Service Agreement, Hologic will provide, at no cost to the Customer, any commercially released software update that (i) improves the ability of any Equipment purchased under the Agreement or software purchased as part of the Equipment to function in accordance with its published specifications and (ii) does not require any new hardware or other hardware modifications. Hardware is not part of Hologic service agreements; if Hardware needs to be replaced, there will be an additional charge.</p> <p>This offer is entirely contingent on whether Hologic receives applicable regulatory approval for the software update, and the software update is subsequently commercially released. There are no guarantees that this will be the case, and, therefore, Hologic makes no commitment and assumes no obligation to the contrary.</p>			
1		<p><b>QUANTRA (2.1) LICENSE FOR ONE FFDM</b></p> <p>Adds one Quantra Breast Density Assessment port license to a Cenova server. Provides the right to use this port license for Breast Density Assessment of images from a single mammography system.</p> <p>Quantra v2.1 calculates volumetric breast density as a ratio of fibroglandular tissue and total breast volume estimates. Quantra also provides area breast density as a ratio of fibroglandular tissue area and total breast area estimates. Quantra segregates breast density into categories, which may be useful in the reporting of consistent BI-RADS® breast composition categories as mandated by certain state regulations. The Quantra results for each image, breast, and subject, are intended to aid radiologists in the assessment of breast tissue composition. Quantra produces adjunctive information; it is not an interpretive or diagnostic aid.</p> <p>Additional reported values include: volume of fibroglandular tissue, volume of breast tissue, volume of breast density, area of breast density, and comparisons to a reference population. Temporal data can be displayed on a SecurView® workstation, if stored.</p>			

		<p>Includes:</p> <ul style="list-style-type: none"> <li>• One Quantra Software License for a Hologic, GE or Siemens Novation FFDM systems</li> </ul> <p>Requires:</p> <ul style="list-style-type: none"> <li>• A Cenova server with v2.4.1 software</li> <li>• Specify manufacturer, and model of FFDM system at time of order</li> </ul> <p>Display:</p> <ul style="list-style-type: none"> <li>• As DICOM Structured Report on a SecurView workstation (minimum v7.2)</li> <li>• As DICOM Secondary Capture format on an IHE compliant workstation</li> </ul> <p>• Note: This purchase includes WebEx product training. Onsite training will be provided if purchased with Selenia, Dimensions and or CAD products. If and when new versions of Quantra become available, such new version updates will be provided to Customer at no charge, so long as Customer has an active service agreement with Hologic and the HW meets the minimum specifications.</p>	
1		<p><b>CENOVA 2D TOWER SYSTEM</b></p> <p>The Cenova Digital Mammography Processing System hosts Image Analytics software applications. Image Analytics licenses are sold separately.</p> <p>Includes:</p> <ul style="list-style-type: none"> <li>- Hologic's latest Cenova Processing Unit Server <ul style="list-style-type: none"> <li>- Windows 7 operating system</li> <li>- Dynamic resource management and case control</li> <li>- Output transmission re-try mechanism</li> <li>- Flexible output routing to multiple output destinations</li> <li>- Computer Server (6U)</li> <li>- Compact footprint</li> <li>- License dongle</li> </ul> </li> <li>- Hologic Connect remote system diagnostics software for post-installation service and applications support; conforms with Verisign security</li> <li>- Note: This server can be used horizontally, and rack mounted by ordering R2ACC-2001. (R2SYS-2200-1U is a thinner server, ships with a rack mount and is preferred for rack mounting.)</li> </ul> <p>Requires:</p> <ul style="list-style-type: none"> <li>- The system is designed to process 2D images only.</li> <li>- Specify manufacturer, and model of FFDM system at time of order</li> <li>- Verify with the Technical team that the number of licenses on a server can be adequately supported.</li> </ul>	
1		<p><b>CAD TRAINING, INITIAL, 1 DAY, 1 SITE, MAX 10 RADS</b></p> <ul style="list-style-type: none"> <li>* One (1) day of Applications Training. Training for up to 10 Rads</li> <li>* Applications must be completed within 12 months of equipment shipment. This training cannot be performed until FFDM certification extension is received for Tomosynthesis.</li> <li>* Please note: Cancellations must be made 48 hours prior to the end of the business week before your scheduled applications to avoid cancellation fees.</li> <li>* Initial Applications Added Value: \$2,500.00</li> </ul>	
3		<p><b>RACK, PADDLE STORAGE</b></p> <p>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.</p> <p>Approximate paddle rack dimensions:</p> <p>Length: 36 1/4"  Depth: 4" (from the wall out)  Height: 7"</p> <p>Pitch of 12" to 14" when multiple racks are installed over each other.</p> <p>Price includes wall mounting bracket component. Does not include installation.</p>	

**Warranty Information:**  
12 Months Parts and Labor

**Notes:**