

REQUESTING SERVICE: IMAGING SERVICE(C114) PO#: 540-B81005

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WAREHOUSE B81005

V.A. Medical Center

LOUIS A JOHNSON VAMC

1 MED CENTER DR

CLARKSBURG, WV 26301-4199

Qty	Description
<b>1</b>	<b>tina - BI</b>
1	<p>Senographe Pristina</p> <p>Senographe Pristina digital full field mammography system provides a comprehensive breast care solution which includes screening and diagnostic capabilities with patient focused design and enhanced ergonomics for the technologist.</p> <p>Senographe Pristina works with an GE-manufactured 24 x 29 cm active area detector, designed to offer different breast imaging capabilities in a fast and efficient workflow. Smaller breasts are also easily managed with the different paddles available that can slide to both sides of the detector.</p> <p>With excellent enhanced detector performance, at low dose, the Senographe Pristina offers a remarkable image quality for diagnostic confidence.</p> <p>Ergonomic design for technologists</p> <ul style="list-style-type: none"><li>• Intuitive user interface</li><li>• Park Positioning during patient positioning</li><li>• One touch access to preset rotation for positioning</li><li>• Single speed motorized gantry movements</li><li>• Sliding compression paddles that can move to the side of the detector for compression</li></ul> <p>Ergonomics and design for patient comfort</p> <ul style="list-style-type: none"><li>• LED lighted hand rests</li><li>• Wheelchair access, MITA compliant</li><li>• Thinner Bucky than previous platform</li><li>• Rounded edges of detector for patient comfort</li></ul> <p>Image quality</p> <ul style="list-style-type: none"><li>• Automatic Optimization of Parameters (AOP), selects all exposure parameters based on breast radiological properties</li><li>• Three AOP modes + 1 Automatic mode for implants</li><li>• eContrast image processing for making automatic adjustments of brightness and contrast</li><li>• DQE at IEC 62220-2-3 equivalent spectrum, at 75µGy: 70% (+/-3) at 0.5lp/mm and 64% (+/-3) at 2lp/mm</li></ul> <p>Smooth digital workflow connectivity</p> <ul style="list-style-type: none"><li>• Automated Quality Control</li><li>• Integrated Repeat and Reject Analysis</li></ul> <p>Technical Specifications</p> <p>Detector</p> <ul style="list-style-type: none"><li>• Detector ready to use immediately after system start-up</li><li>• Detector size: 24 x 29 cm</li></ul>

Qty	Description
	<ul style="list-style-type: none"> <li>• Pixel size (pitch): 100 µm</li> <li>• Acquisition dynamic range: 14 bits</li> <li>• Bucky front cover thickness: 40mm</li> <li>• Optimized room for positioning due to the bucky depth: 470mm</li> <li>• Image size: <ul style="list-style-type: none"> <li>o LFOV image size - approx. 13 MB per image</li> <li>o Regular image size - approx. 9 MB per image</li> </ul> </li> <li>• Patented needle structure Csl scintillator, single piece construction</li> <li>• Breast support with rounded edge</li> <li>• Air cooling</li> </ul> <p>Tube Technology</p> <ul style="list-style-type: none"> <li>• X-Ray tube type: Artemis</li> <li>• Anode target materials - Dual track: Molybdenum (Mo)</li> <li>• Enriched with Vanadium, and Rhodium (Rh)</li> <li>• Four focal spots: 0.1 and 0.3 IEC on each target</li> <li>• Target angle: 0 degree</li> <li>• Maximal high voltage: 49 kV</li> <li>• Tube current: <ul style="list-style-type: none"> <li>o Molybdenum target: <ul style="list-style-type: none"> <li># 100 mA from 25 to 30 kV on large focal spot</li> <li># 40 mA from 25 to 30 kV on small focal spot</li> </ul> </li> <li>o Rhodium target: <ul style="list-style-type: none"> <li># 62 mA from 25 to 30 kV on large focal spot</li> <li># 35 mA from 25 to 30 kV on small focal spot</li> </ul> </li> </ul> </li> <li>• Anode size (tracks diameter): 100 mm</li> <li>• Anode heat storage capacity: 250kJ (340 kHU)</li> <li>• Anode maximum dissipation: 500 W (40 kHU/min)</li> <li>• Max casing continuous dissipation: <ul style="list-style-type: none"> <li>• 150 W (12 kHU/min) at 40 °C</li> </ul> </li> <li>• Permanent filtration: 0.69 mm Beryllium</li> <li>• Weight: 7 kg</li> <li>• X-ray tube assembly: self-encased X-ray tube, oil-free,</li> <li>• lead-free, air-cooled head</li> </ul>

Qty	Description
	<ul style="list-style-type: none"> <li>• Tube protection: software monitoring of tube load</li> </ul> <p>Grid/breast support</p> <ul style="list-style-type: none"> <li>• Universal grid compatible with 2D Conventional Mammography and DBT</li> <li>• Ergonomic breast support designed for patient comfort and cleanability</li> <li>• Motorized lock of the grid and breast support</li> <li>• Breast support material: carbon fiber composite</li> <li>• Optimized grid motion ensuring no grid structure visible in the image</li> <li>• Detector to breast support edge-to-edge distance # 5 mm</li> </ul> <p>Automatic Exposure</p> <p>Automatic Optimization of Parameters (AOP)</p> <p>Fully automatic mode</p> <ul style="list-style-type: none"> <li>• AOP is an automatic exposure system that selects all exposure parameters based on radiological density of the breast: <ul style="list-style-type: none"> <li>o track (Mo or Rh)</li> <li>o filter (Mo or Ag)</li> <li>o kV</li> <li>o mAs</li> </ul> </li> </ul> <p>The system identifies the densest part of the breast to select the appropriate exposure parameters</p> <ul style="list-style-type: none"> <li>• Three AOP modes are available: <ul style="list-style-type: none"> <li>o Standard + "": dose to patient comparable to screen/film Mammography</li> <li>o "Dose -": priority is given to dose reduction</li> <li>o "Standard": balances low noise and dose reduction</li> <li>o Automatic acquisition mode for implants</li> </ul> </li> </ul> <p>Manual mode</p> <ul style="list-style-type: none"> <li>• Manual selection of all parameters: track, filter, kV and mAs</li> </ul> <p>Collimator</p> <ul style="list-style-type: none"> <li>• Filters: Molybdenum: 0.030 mm; Silver: 0.030 mm</li> <li>• Field of View (FOV) in detector plane, in cm: <p>for standard contact views: 24 x 29 maximum FOV or 19 x 23 regular FOV, automatic adjustment depending on paddle used, breast support and gantry rotation angle</p> </li> <li>• Field of View (FOV) selection: automatic and manual</li> <li>• FOV size: selected automatically based on the paddle or geometric magnification platform used, can be modified manually by using the collimation size switch on the tube head</li> <li>• FOV location (left, right, center): selected automatically based on the tube arm angle, can be</li> </ul>

Qty	Description
	<p>modified manually by</p> <p>using the collimation position switch on the tube head</p> <ul style="list-style-type: none"> <li>• Compression and exposure are prevented if the FOV and compression paddle sizes or locations are not consistent</li> <li>• Light centering device: a light automatically switches on when a preset position is reached, at compression start or at paddle insertion; can be turned on with the collimation switches buttons located on the tube head or on the acquisition console</li> </ul> <p>Compression</p> <p>Compression modes:</p> <ul style="list-style-type: none"> <li>• Motor driven compression up to 20 daN</li> <li>• Manual compression up to 27 daN</li> <li>• Dual foot-pedals for column height and compression adjustments</li> <li>• User defined motorized compression force limit: 4 to 20 daN</li> <li>• Min force for AOP: 3 daN</li> <li>• Compression speed: 3 speed levels</li> <li>• Selectable automatic decompression after exposure, to minimize patient time under compression</li> </ul> <p>Positioner</p> <ul style="list-style-type: none"> <li>• Isocentric arm with motorized rotation and vertical movement</li> <li>• Source to image receptor distance: 660 mm</li> <li>• Floor to image receptor distance: from 65 cm to 150 cm</li> <li>• Rotation angle: -180/+180 degrees</li> <li>• Ergonomic hand-rest: one at each side of the tube arm and two additional behind</li> </ul> <p>User interface</p> <ul style="list-style-type: none"> <li>• Four sets of single speed switches for rotation, angulation and lift movements, with an accelerating speed profile</li> <li>• Four sets of preset position switches for positioning in CC and MLO</li> <li>• Automatic stop at +/- 90 degrees for lateral positions</li> <li>• Collimation buttons on the tube head for field of view size and location</li> <li>• Parameters display</li> </ul> <ul style="list-style-type: none"> <li>o Tube arm support rotation angle</li> <li>o Compressed breast thickness (in mm)</li> <li>o Compression force (in daN)</li> <li>• Ergonomic control console</li> <li>o Controls exposure</li> </ul>

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	<ul style="list-style-type: none"> <li>o Provides information on system status</li> <li>o Gives access to advanced parameters for system set-up</li> <li>• Patented automatic view names marking based on breast laterality</li> <li>• View name can be edited while the exam is performed</li> </ul> <p>Acquisition workstation</p> <ul style="list-style-type: none"> <li>• Time to display processed image (average): 10 seconds</li> <li>• Time between exposures (typical): 12 seconds</li> <li>• Dose calculated and displayed on the image after every exposure (Entrance Skin Dose and Average Glandular Dose)</li> <li>• Quad core Intel i5 workstation: <ul style="list-style-type: none"> <li>– Memory: 32GB</li> <li>– Hard disk: 1 internal 250GB disk for the system</li> <li>– Hard disk: 1TB for image storage</li> <li>– Ports: 4 Gigabit Ethernet port</li> <li>– DVI Display and port connector</li> <li>– 3MP monitor display:</li> </ul> </li> </ul> <p>High performance color IPS 3MP monitor  54cm (21.2")  2048 x 1536 pixels (landscape)  Brightness: 1000 Cd/m<sup>2</sup>  Contrast ratio: 1400:1  Viewing angle: 170 degrees  Mounted on a rotating arm for in-room access</p> <p>Image Presentation</p> <p>eContrast allows you to choose among 6 levels to better adapt to breast morphology and radiologist display preferences:</p> <ul style="list-style-type: none"> <li>– eContrast 1 provides a “film-like” aspect with improved visibility of the skin line</li> <li>– eContrast 2 to 4 provide increasing steps of image sharpness and contrast</li> <li>– eContrast 5 provides a high level of sharpness and contrast, with a very high level of tissue penetration</li> <li>– eContrast 6 is adapted to very dense breast or implants</li> <li>– Automatic windowing (window level and window width)</li> <li>– Other features: zoom, roaming, inversion, flip, rotation of images, window width and level setting, annotations and measurements</li> </ul>

Qty	Description
	<p>Connectivity</p> <p>DICOM** 3.0 platform:</p> <ul style="list-style-type: none"> <li>- Modality Worklist User</li> <li>- Storage Provider</li> <li>- Storage Commitment User</li> <li>- Query/Retrieve User</li> <li>- Basic Grayscale Print User</li> <li>- Verification Provider</li> <li>- DICOM-compliant CD, DVD-R/-RW and USB Data Interchange</li> </ul> <p>Connectivity features: customizable Autopush to multiple DICOM databases, Autoprint, Autodelete based on Storage Commitment</p> <p>Modality Perform Procedure Step User</p> <p>Connectivity to GE Service for remote diagnostic capability</p> <p>IHE Profiles: Scheduled workflow, Mammography image, Tomosynthesis profile, Portable data for imaging, Consistent time integration</p> <p>Quality assurance</p> <ul style="list-style-type: none"> <li>• Complete quality control program</li> <li>• Automation of quality control tests: Flat Field, MTF, AOP, SNR</li> <li>• Test history and results can be reviewed</li> <li>• Data can be exported for data tracking</li> <li>• Automated Repeat and Reject Analysis</li> </ul> <p>Radiation shield</p> <ul style="list-style-type: none"> <li>• Choice between two radiation shields: <ul style="list-style-type: none"> <li>o Integrated to the control console</li> <li>o Standalone</li> </ul> </li> </ul> <p>High voltage generator</p> <ul style="list-style-type: none"> <li>• Generator Integrated into the gantry for room saving</li> <li>• Generator type: high frequency single-phase power supply</li> <li>• Ripple: &lt; 4% from peak to peak</li> <li>• Power: 5 kW max</li> <li>• Generator max rating: <ul style="list-style-type: none"> <li>• 2 to 600 mAs (depending on track, filter and kV)</li> <li>• 22 to 49 kV, in 1 kV steps depending on track</li> </ul> </li> </ul> <p>Generator protection: software monitoring tube load</p>

Qty	Description
	<p>Standard configuration</p> <ul style="list-style-type: none"> <li>• Motorized isocentric gantry</li> <li>• X-ray tube with rotating Mo/Rh anode</li> <li>• 24 x 29 cm flat panel detector</li> <li>• Acquisition workstation <ul style="list-style-type: none"> <li>– CD, DVD-R/-RW</li> <li>– 1MP or 3MP display</li> <li>– Control console</li> <li>– UPS</li> </ul> </li> <li>• Pair of dual foot-pedals</li> <li>• Standard Face shield</li> <li>• 24 x 29 cm bucky with grid</li> <li>• 24 x 29 cm paddle</li> <li>• 19 x 23 cm sliding paddle</li> <li>• 1.5 and 1.8 magnification stands</li> <li>• Quality control toolkit</li> <li>• User manual and technical documentation</li> </ul> <p>Options</p> <ul style="list-style-type: none"> <li>• Additional 24 x 29 cm paddle</li> <li>• Additional 19 x 23 cm sliding paddle</li> <li>• 24 x 29 cm Flexible compression paddle</li> <li>• 19 x 23 cm Flexible &amp; sliding compression paddle</li> <li>• 10x23 Sliding Implant/Small breast compression paddle</li> <li>• Square spot sliding compression paddle</li> <li>• Round spot sliding paddle</li> <li>• 2D Localization 19x23 Swiss Cheese sliding compression paddle</li> <li>• 2D Localization 19x23 sliding standard compression paddle</li> <li>• 2D crosshair device</li> <li>• X-Ray protective shield</li> <li>• Bar code reader</li> <li>• Printers compatibility: AGFA DRYSTAR AXYS</li> <li>• Upgradable to Senographe Pristina 3D</li> </ul> <p>System Power supply</p> <ul style="list-style-type: none"> <li>• Input frequency: 50Hz/60Hz</li> </ul>

Qty	Description
	<ul style="list-style-type: none"> <li>• Input voltage: single-phase 200-240 V~</li> <li>• EATON UPS 5P650 650VA</li> </ul> <p>System Weight</p> <ul style="list-style-type: none"> <li>• Gantry: 420 kg</li> <li>• Control Station without monitors: 160 kg</li> </ul> <p>Environmental conditions</p> <ul style="list-style-type: none"> <li>• Temperature range: 15° to 30°C</li> <li>• Humidity range: 10% to 80%</li> <li>• Atmospheric pressure range: 70 kPa to 106kPa (0 to 3000m altitude)</li> </ul>
1	<p>Control station standard front cover</p> <p>Front Cover designed for the control station on Senographe Pristina.</p>
1	<p>3MP Eizo Color LCD Monitor RX340</p> <p>3 megapixel high-brightness color monitor. High-definition and multifunctional model featuring precise calibration compliant with the DICOM Part 14 standard.</p> <p>Technical Specifications:</p> <ul style="list-style-type: none"> <li>• Display Type LED-backlit LCD monitor / TFT active matrix - 3MP – color</li> <li>• Native Resolution 1536 x 2048</li> <li>• Contrast Ratio 1400:1</li> <li>• Color Support 1.07 billion colors</li> <li>• Dimensions (WxDxH) 14.8 in x 9.7 in x 23.6 in - with stand</li> <li>• Horizontal Viewing Angle 170</li> <li>• Vertical Viewing Angle 170</li> <li>• Pixel Pitch 0.21075 mm</li> <li>• Panel Type IPS</li> <li>• Brightness 1000 cd/m²</li> <li>• Horizontal Refresh Rate 31 - 127 kHz</li> <li>• Backlight Technology LED backlight</li> <li>• Video Bandwidth 215 MHz</li> <li>• Vertical Refresh Rate 29 - 61 Hz</li> <li>• Manufacturer: Eizo Nanao Technologies</li> </ul> <p>POWER DEVICE</p> <ul style="list-style-type: none"> <li>• Nominal Voltage AC 120/230 V</li> </ul>



Qty	Description
	<ul style="list-style-type: none"> <li>• Frequency Required 50/60 Hz</li> <li>• Power Consumption Operational 125 Watt</li> </ul> <p>DISPLAY</p> <ul style="list-style-type: none"> <li>• Image Brightness 1000 cd/m2</li> <li>• Image Contrast Ratio 1400:1</li> <li>• Video Bandwidth 215 MHz</li> <li>• Type LED-backlit LCD monitor</li> </ul> <p>MISCELLANEOUS</p> <ul style="list-style-type: none"> <li>• OSD Languages Chinese (simplified), Chinese (traditional), English, French, German, Italian, Japanese, Spanish, Swedish</li> <li>• Color Category black</li> <li>• Color black</li> <li>• Flat Panel Mount Interface 100 x 100 mm</li> </ul> <p>POWER</p> <ul style="list-style-type: none"> <li>• Power Consumption Stand by / Sleep: 3 Watt</li> <li>• Power Supply internal</li> </ul> <p>MECHANICAL</p> <ul style="list-style-type: none"> <li>• Swivel Angle: 344 degrees</li> <li>• Rotation Angle: 90 degrees</li> <li>• Height Adjustment: 3.1 in</li> <li>• Tilt Angle: 30 degrees</li> <li>• Flat Panel Mount Interface: 100 x 100 mm</li> <li>• Display Position Adjustments: Height, pivot (rotation), swivel, tilt</li> </ul> <p>CABLE DETAILS</p> <ul style="list-style-type: none"> <li>• Type: DVI cable, DisplayPort cable, USB cable</li> <li>• Included Qty: 1</li> <li>• Cable Details: DVI-D to DVI-D</li> </ul>
1	<p>English Keyboard</p> <p>Computer QWERTY English keyboard designed to enter characters and functions into the control station. This keyboard has an USB connection to be used when connected to the station's computer.</p>
1	<p>Standard Radiation Shield</p>

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	Additional Stand-alone Radiation Shield (MAVIG) This radiation screen is a stand-alone shield validated for fixed configurations only.
1	<p>SENO IRIS REVIEW WITH PC</p> <p>Senolris REVIEW is the technologist's workplace for management of clinical data and image display. Easy input of clinical conspicuities during physical examination. Gives technologist access to prior images, reports and additional exams planned by the radiologist. Automatic documentation of acquisition parameters if delivered by the acquisition system in the DICOM header. The desktop workstation version of Senolris REVIEW comes on HP Z440 PC with 1TB SSD, an English keyboard, and has a monitor options: standard 19" LCD monitor (S30331JS). Optionally the Senolris REVIEW can be equipped with the fully configurable X-KEYS Keypad (S30351AZ). Note: The workflow and reporting features are only available if used with Senolris CONNECT server.</p>
1	<p>Seno Iris Connect Software with PC</p> <p>Senolris CONNECT software with PC is a tool for fast transmission of medical image data. It connects DICOM enabled devices in different locations over a given - preferably secure - connection. Senolris CONNECT enables fast teleradiology transparent to connected DICOM devices leveraging JPEG2000 image compression. Senolris CONNECT also manages centrally the review workflow of multi-workstation installation. Senolris CONNECT only works with Senolris DIAGNOSE. Senolris CONNECT is not needed for a single workstation installation. Interfaces with information systems must be clarified and quoted with a IDI Sales Specialist. Senolris CONNECT comes on HP Z440 PC with 1TB SSD, and an English keyboard.</p>
1	<p>Power Cord Kit 1 Set</p> <p>One set of power cords for UK/USA/JAPAN/CHINA</p>
1	<p>iCAD PowerLook PRO 3D + 2D CAD</p> <p>iCAD PowerLook AMP PRO server with 1 license of 2D CAD and 1 license of 3D CAD</p>
1	<p>2D Crosshair</p> <p>2D CROSSHAIR</p>
1	<p>Mag Stand 1.8</p> <p>Mag Stand 1.8</p>
1	<p>Mag Stand 1.5</p> <p>Mag Stand 1.5</p>

Qty	Description
1	<p>24X29cm Flexible Compression Paddle</p> <p>The optional flexible and ergonomic 24x29.8cm sliding paddle provides tilting and flexibility for compression uniformity from chest wall to nipple. It is designed for easier positioning especially in the MLO position for large pectoral muscles and in the CC position when the chest wall and nipple-side show large thickness variation. Patient comfort is improved by requiring less compression on the pectoral muscle or chest wall to achieve proper compression on the whole breast.</p>
1	<p>19X23CM Flexible Sliding Paddle</p> <p>The optional flexible and ergonomic 19x23cm sliding paddle provides tilting and flexibility for better compression uniformity from the chest wall to nipple. It is used in combination with the 19x23cm field of view. It is designed for easier positioning especially in the MLO position for large pectoral muscles and in the CC position when the chest wall and nipple-side show large thickness variation. Patient comfort is improved by requiring less compression on pectoral muscle or chest wall to achieve proper compression on the whole breast.</p> <p>This sliding paddle has been designed to allow technologists to position small breasts on a large detector making sure that the positioning is comfortable and accurate. For a CC view, the 19x23 cm sliding paddle is positioned in the middle of the detector. For an oblique view, the paddle can slide to the side (left or right depending on the breast view) to make sure that the breast is optimally compressed.</p>
1	<p>Round Spot Compression Paddle</p> <p>ROUND SPOT COMPRESSION PA</p>
1	<p>Sliding Square Spot Compression Paddle</p> <p>SLIDING SQUARE SPOT COMPR</p>
1	<p>2D Localization 19x23 Compression Paddle</p> <p>The optional 2D localization 19x23cm compression paddle. This paddle includes a rectangular graduated hole for 2D locations, could be used with the 2D cross hair (Catalog number S30371BC)</p>
1	<p>10X23 Sliding Small Breast Paddle</p> <p>The optional 10x23cm small breast/implant compression paddle provides flexibility for managing small breast by giving more room for the technologist to manipulate the tissue for better compression uniformity from chest wall to nipple. This paddle has been designed to allow the technologist place her hands nearer to a small breast without compressing her hands.</p>

Qty	Description
1	<p>Pristina Dueta</p> <p>The Pristina Dueta feature is an option that enables the patient to take an active part in the examination. It consists of a remote control to be held in the patient's hand. Once the technologist has carefully positioned and stabilized the breast with initial compression, the patient is invited to continue the compression movement using a dedicated remote control, under the technologist's continuous supervision. The technologist will follow the same compression guidelines regardless of whether this operation is performed by the technologist or by the patient. The technologist always has control of the compression for each patient, and will guide the patient to achieve the appropriate compression level needed. In case of emergency, the technologist can use any gantry motion user interface to stop the patient-assisted compression motion, as well as push an emergency stop button.</p>
1	<p>Senographe Pristina 3D Application</p> <p>Senographe Pristina 3D is a three-dimensional imaging technology that uses a low dose short X-ray sweep around a compressed breast. The acquired projection images are processed electronically to reconstruct a 3D representation of the entire breast. This imaging technique is designed to separate the tissues and to reduce the overlapping of structures, which represents a limiting factor in standard 2D mammography.</p> <p>The 3D option is available for the Senographe Pristina platform to generate 3D and 2D images.</p> <p>Senographe Pristina 3D Technology</p> <ul style="list-style-type: none"> <li>• Sweep angle is 25° with 9 projections at any rotation angle between -160°/+160°</li> <li>• The "Step and Shoot" tube motion stops for each exposure to avoid image blur</li> <li>• Mo and Rh tube tracks create narrow x-ray spectra, exactly where the dose efficiency is for thin (Mo) and medium and thick breasts (Rh)</li> <li>• Detector: 100 microns with no binning, high DQE in 3D mode (IEC 62220-2-3, equivalent spectrum at 5µGy): 65% (+/-2) at 0.5lp/mm and 57% (+/-2) at 2lp/mm</li> <li>• Automatic reconstruction of the images by using ASIR DBT iterative algorithms</li> <li>• The dose of a DBT (Digital Breast Tomosynthesis) view is designed to be equivalent to the dose of a 2D standard acquisition of the same view</li> <li>• Capability to reconstruct 0.5mm or 1mm distance between tomo-planes</li> </ul>
1	<p>1 Day MM TiP Onsite Training</p> <p>1 Day MM TiP Onsite Training</p> <p>One Day MM Onsite Training provided from 8AM to 5PM, Monday through Friday. Includes T&amp;L expenses.</p>

Qty	Description
2	<p data-bbox="412 373 1430 443">This training program must be scheduled and completed within 12 months after the date of product delivery.</p> <p data-bbox="412 474 748 501">2 Days MM TiP Onsite Training</p> <p data-bbox="412 527 748 554">2 Days MM TiP Onsite Training</p> <p data-bbox="412 579 1458 648">Two Day MM Onsite Training provided from 8AM to 5PM, Monday through Friday. Includes T&amp;L expenses. Days provided consecutively.</p> <p data-bbox="412 663 1430 732">This training program must be scheduled and completed within 12 months after the date of product delivery.</p>
1	<p data-bbox="412 764 873 791">GE DBT Mastery Program for Radiologists</p> <p data-bbox="412 816 873 844">GE DBT Mastery Program for Radiologists</p> <p data-bbox="412 869 1484 1293">Physician training designed to meet the U.S. FDA Mammography Quality Standards Act (MQSA) training requirements for interpreting physicians using digital breast tomosynthesis (DBT). Coursework includes GE DBT design elements, workstation features and a comprehensive case review by a physician specializing in breast imaging. Clinical exam review and interpretation promotes the rapid development of diagnostic confidence and quickly builds the clinical skills and experience necessary to effectively use digital breast tomosynthesis. The DBT Mastery Training Program includes up to 3 Sections: I. On-demand Self-Study II. Hands-on Case Interpretation. III. Q/A Session. Certification issued upon completion. This option should be selected for radiologists who have not previously completed 8 hours of DBT training. This option may also be selected if the radiologist would like to take the full DBT training offered for the GE DBT systems, even if they have previously completed 8 hours of DBT training. One attendee per WCAT order.</p> <p data-bbox="412 1329 846 1356">GE DBT Mastery Program for Physicists</p> <p data-bbox="412 1381 846 1409">GE DBT Mastery Program for Physicists</p> <p data-bbox="412 1434 1479 1785">Physicists training designed to meet the U.S. FDA Mammography Quality Standards Act (MQSA) digital breast tomosynthesis (DBT) training requirements for physicists. Coursework includes: DBT principles and performance, GE DBT QC procedures and testing by a medical physicist. Clinical operations and workstation features by clinical and/or workflow specialists. An additional hands-on competent for QC testing on the DBT systems is provided. The DBT Mastery Training Program includes up to 3 Sections: I. On-demand Self-Study II. Hands-on DBT QC Testing. III. Q/A Session. Certification issued upon completion. This option should be selected for physicists who have not previously completed 8 hours of DBT training. This option may also be selected if the physicist would like to take the full DBT training offered for the GE DBT systems, even if they have previously completed 8 hours of DBT training. One attendee per WCAT order.</p>

Qty	Description
1	<p>ACR Breast Phantom - RMI 156</p> <p>Mammography Breast Phantom - ACR Gammex 156</p> <p>The Mammographic Accreditation Phantom is designed to test the performance of a mammographic system by a quantitative evaluation of the system's ability to image small structures similar to those found clinically.</p> <p>Objects within the phantom simulate calcifications, fibrous calcifications in ducts, and tumor masses.</p> <p>The phantom is also designed to determine if a mammographic system can detect small structures that are important in the early detection of breast cancer.</p> <p>Test objects within the phantom range in size from those that should be visible on any system, to objects that will be difficult to see even on the best mammographic system.</p> <p>Breast phantom is compatible with analog and digital equipments.</p> <p>Approved by ACR for Mammography.</p> <p>SPECIFICATIONS</p> <ul style="list-style-type: none"> <li>• Height: 1.75 in. (4.5 cm)</li> <li>• Width: 4 in. (10.2 cm)</li> <li>• Depth: 4.25 in. (10.8 cm)</li> </ul>
1	<p>Pristina Accessories Storage Cabinet</p> <p>Cabinet to hold additional paddles and other mammography accessories</p> <p><b>Senolris - BI</b></p>
1	<p>3D Protocol Operator Manual</p> <p>3D Protocol Operator Manual</p>
1	<p>SENO IRIS DIAGNOSE WITH PC</p> <p>The Senolris DIAGNOSE features softcopy reading with optional integrated reporting and CAD display. The workstation is suited for reading direct digital mammography (DR) and Computed Radiography (CR) images from all major manufacturers, as well as for viewing digitized screen film images and breast tomosynthesis images. The hardware is composed of Windows 7 x64 based HP Z440 computer with 2TB SSD, a 19" non-diagnostic LCD monitor, and English keyboard. Senolris DIAGNOSE includes the following functionality as part of the base license: Premium View, Workflow, DBT, V-Preview extended functionality, and V-Preview Cross-reference. The software introduced through the VersaView program (Senolris) is designed for diagnostic and non-diagnostic review in diagnostic and screening breast imaging</p>

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	<p>environments through flexible and interactive manipulation of multi-modality, multi-vendor softcopy images. It provides image review, manipulation, analysis, post-processing and printing capabilities for FFDM, DBT and CESM images. The software also supports the display of CAD, breast density assessments and other breast imaging data from various modalities. Image routing and compression, as well as centralized workflow steering, including double blind reading and integrated in-image reporting, are part of the solution to support the women's healthcare professionals to enrich existing workflows for breast imaging needs. Various specific and general interfaces exist to synchronize to other external software on the front- and back-end side. The software also provides functions to directly import data from and export them to mobile storage media or onto the local operating system. When the software is used in a non-diagnostic environment, proper labeling is applied during installation. All images sent to or imported in the Senolris software must conform to regulatory requirements. Image quality must conform to applicable quality guidelines. All modalities must be certified for softcopy reading.</p>
1	<p>1 Megapixel LCD Color Eizo Monitor</p> <p>1 Mega Pixel LCD 19" monitor suitable for Control Station. The monitor has a TFT active matrix - 1MP - color.</p> <p>Technical Specifications:</p> <p>Dimensions (WxDxH) 15.9 in x 8.1 in x 16 in</p> <p>Display Type LCD monitor / TFT active matrix - 1MP - color</p> <ul style="list-style-type: none"> <li>• Native Resolution 1280 x 1024</li> <li>• Contrast Ratio 1000:1</li> <li>• Color Support 16.7 million colors</li> <li>• Controls &amp; Adjustments Input select</li> <li>• Horizontal Viewing Angle 178</li> <li>• Vertical Viewing Angle 178</li> <li>• Viewable Size 19"</li> <li>• Pixel Pitch 0.294 mm</li> <li>• Brightness 280 cd/m<sup>2</sup></li> <li>• Horizontal Refresh Rate 80 kHz</li> <li>• Video Bandwidth 135 MHz</li> <li>• Vertical Refresh Rate 75 Hz</li> </ul> <p>POWER DEVICE</p> <ul style="list-style-type: none"> <li>• Nominal Voltage AC 120/230 V</li> <li>• Frequency Required 50/60 Hz</li> </ul>

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	<ul style="list-style-type: none"> <li>• Power Consumption Operational 50 Watt</li> </ul> <p>DISPLAY</p> <ul style="list-style-type: none"> <li>• Image Brightness 280 cd/m2</li> <li>• Image Aspect Ratio 5:4</li> <li>• Image Contrast Ratio 1000:1</li> <li>• Video Bandwidth 135 MHz</li> <li>• Color Support 24-bit (16.7 million colors)</li> <li>• Type LCD monitor</li> </ul> <p>INTERFACE PROVIDED</p> <ul style="list-style-type: none"> <li>• Qty 1</li> <li>• Connector Type 15 pin HD D-Sub (HD-15), 24 pin digital DVI</li> </ul> <p>POWER</p> <ul style="list-style-type: none"> <li>• Power Consumption Stand by / Sleep 0.8 Watt</li> </ul> <p>VIDEO</p> <ul style="list-style-type: none"> <li>• Video Output none</li> </ul> <ul style="list-style-type: none"> <li>• ENVIRONMENTAL STANDARDS</li> <li>• ENERGY STAR Qualified Yes</li> <li>• SOFTWARE / SYSTEM REQUIREMENTS</li> <li>• Included Software Screen Manager Pro for Medical, RadiCS LE</li> </ul> <p>CABLE DETAILS</p> <ul style="list-style-type: none"> <li>• Type DVI cable, USB cable, VGA cable</li> <li>• Included Qty 1</li> <li>• Cable Details DVI-D to DVI-D</li> </ul>
1	<p>2X 21" # BARCO 5MP MAMMO CORONIS BB MONITORS</p> <p>2X 21" BARCO 5MP MAMMO CORONIS BB MONITORS</p> <p>Graphics controller board</p> <p>MediCal QAWeb QC software</p>
1	<p>MXRT5600 Graphic Card</p> <p>MXRT5600 Graphic Card has to be added to SA2.x to IDI 4.7 upgrade kit in case of Pre-existing BARCO monitors</p>
5	<p>Power Cord Kit 1 Set</p> <p>One set of power cords for UK/USA/JAPAN/CHINA</p>



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1	<p>SHUTTLE PRO V2 KEYPAD</p> <p>Configurable keypad for fast access of major functions with scroll wheel for tomosynthesis reading in Senolris DIAGNOSE</p>
2	<p>2 Days MM TiP Onsite Training</p> <p>2 Days MM TiP Onsite Training</p> <p>Two Day MM Onsite Training provided from 8AM to 5PM, Monday through Friday. Includes T&amp;L expenses. Days provided consecutively.</p> <p>This training program must be scheduled and completed within 12 months after the date of product delivery.</p>
2	<p>Professional Services</p> <p>0.5 days of professional services for software integrations with 3rd party vendors, Complex workflow implementation (e.g. advanced routing, multi-site connectivity, Setup of integrated reporting, screening workflow implementation with connection to the screening information system, worklist brokering, changes in the workflow that require minimum half a day effort (new PACS/RIS configuration / changes in the workflow routing etc.) Note: this part number can be ordered multiple times dependent on size of service effort.</p>
	<b>Mammography Accessories</b>
1	<p>Sensory Suite - Platinum Package - Waterfall</p> <p>Package Includes:</p> <ul style="list-style-type: none"> <li>o E63301CD - Interactive Experience - 2 large monitors 116.8 cm</li> <li>o E63301AA - One Decorative Blade - Waterfall - Large size 107 x 50 cm</li> <li>o E63301AB - 3 Decorative Blades - Waterfall Large size 107 x 50 cm</li> </ul>
1	<b>NonProducts</b>
1	Volpara Density Software
1	<b>NonProducts</b>
1	DGS Online Tech Trng/Pristina Tech Trng