

P.O.# 561-B82012

SHIP TO:  
WAREHOUSE EO B82012  
V.A. Medical Center  
LOGISTICS EAST ORANGE  
385 TREMONT AVE  
EAST ORANGE, NJ 07018-1095

**Qty**

**Item Description**

1

**Artis Q ceiling Interv. Card.**

Artis Q ceiling for interventional cardiology

The Artis Q product line is setting new standards in interventional imaging.

The Artis Q ceiling for interventional cardiology now features PURE(r). PURE adds smooth interaction to Siemens' smart technologies. It is designed to boost productivity and enhance outcomes for certain clinical applications, while increasing image quality and reducing dose.

The GIGALIX X-ray tube concentrates high pulse power on small, square-shaped focal spots (flat emitter technology for all focal spots). This provides unprecedented image quality for confidence in challenging situations.

The ceiling-mounted C-arm offers highly flexible positioning. The motorized rotation of the C-arm from a head-end position to a lateral position allows for free head access and full patient coverage without rotating the table.

The patient table is fitted with a freely movable patient positioning tabletop.

The as20 flat detector is optimized for cardiology and allows for steep angulations.

Frame rates up to 30 f/s and functions for displaying and storing ECG curves are included.

The complete CARE+CLEAR package offers optimal image quality at the lowest reasonable dose.

Live and reference images are displayed on two 19" flat screens in the exam room. In the control room live images are displayed on a third screen.

1

**Automap**

Automatic stand positioning depending on the selected reference image and automatic reference image selection depending on the stand positioning.

1

**4P wireless footswitch inst. of cbl**

Wireless footswitch connection

Note: Wireless replaces the wired connection.

Qty	Item Description
1	<p><b>Fluoro Loop</b></p> <p>Storage and review of dynamic fluoroscopic sequences (Fluoro Loop). This saves an additional acquisition and reduces dose. The maximum storable fluoroscopic time depends on the selected pulse rate, e.g. 34 s at 30 p/s, 68 s at 15 p/s.</p>
1	<p><b>Vascular analysis</b></p> <p>Vessel analysis with determination of degree of stenosis, distance measurement and calibration.</p>
1	<p><b>LV Analysis</b></p> <p>Analysis of the left ventricular function of the heart.</p>
1	<p><b>Lower body radiation protection</b></p> <p>This radiation shield protects the user from scattered radiation when standing at the table side. It can be attached to the accessory rails either on the right or on the left side of the patient positioning table.</p> <p>It provides the user an additional accessory rail.</p> <p>It includes a basic unit (71.5 cm x 75 cm / 28.2" x 29.5" (l x w); 7.7 kg / 16.98 lb), one lower body radiation protection pivot swivel element (77 cm x 48 cm / 30.3" x 18.9" (l x w); 3.8 kg / 8.4 lb) and three clip-on units (57 cm / 22.4" x 33 cm / 12.99" (l x h), 2.2 kg / 4.85 lb; 27 cm / 10.6" x 33cm / 12.99", 0.9 kg / 1.98 lb and 27 cm / 10.6" x 25cm / 9.8", 1 kg / 2.2 lb ) with a lead of 0.5 mm / 0.02" Pb.</p> <p>The maximum weight of the accessory rails is 40 kg (88.2 lb).</p> <p>Intended only for use with Artis / ARTIS tables.</p>
1	<p><b>Moveable upper body rad. protection</b></p> <p>This radiation shield protects the user from scattered radiation.</p> <p>For room heights up to 290 cm / 114.2".</p> <p>It includes a ceiling rail (4 m / 157.5"), a ceiling mounted and movable stand (80 cm or 57 cm / 31.5" or 22.4"), a support arm (75 cm x 90 cm / 29.5" x 35.4") and an acrylic glass.</p> <p>The shield is made of acrylic glass with lead equivalent of 0.5 mm (w x h: 61 cm x 76 cm / 24" x 29.9"), which can pivot and rotate around a fixed point with a range of 360 degrees.</p> <p>The operation range is limited when used with Artis floor/biplane MN.</p> <p>Max. weight: 18 kg / 39.68 lb.</p>
1	<p><b>LED Exam Light</b></p> <p>Ceiling-mounted, flexible positionable examination light with focusable light system. It is fully integrated into the ceiling-installed radiation protection mounting unit.</p> <ul style="list-style-type: none"> <li>- Luminance: 60,000 Lux for 100 cm / 39.4" distance</li> <li>- Working distance: 70 to 140 cm / 27.6" to 55.1"</li> <li>- Color rendering index Ra at 4500 Kelvin: 95</li> <li>- Color temperature: 4,300 Kelvin</li> <li>- Focusable light field: 14 to 25 cm / 5.5" to 9.8"</li> <li>- Diameter of light head: 33 cm / 13"</li> <li>- Number of LEDs: 19</li> <li>- Total input power: 20 VA</li> </ul>
1	<p><b>VA kit Artis Q/Q.zen systems</b></p> <p>Second set of system documentation (operator manual, etc.)</p>

Qty	Item Description
1	<p><b>Intercom - Comfort</b></p> <p>Intercom system for communication between examination room and control room.</p> <p>It includes</p> <ul style="list-style-type: none"> <li>- a microphone with a control box for the control room</li> <li>- a microphone with an adaptive acoustic filter for background noise suppression for the examination room</li> <li>- a footswitch for conversation selection for the examination room</li> </ul> <p>The microphone of the examination room is installed on the ceiling.</p>
1	<p><b>Large Display diagn. Protection</b></p> <p>The high quality laminated glass protective screen protects the panel of the monitor against mechanical damage and fluid ingress on the front.</p> <p>It is suited for clinical image evaluation.</p> <p>Features:</p> <p>The laminated glass enforces high mechanical strenght and resistivity against mechanical impact,</p> <p>the special coating reduces reflections for a continuous image quality,</p> <p>excellent spectral transmissison of at least 98%,</p> <p>can be added to existing Artis Large Display installations.</p> <p>Weight: approx. 12kg (55") up to 16kg (60")</p> <p>Note: Observe the maximum permissible load of the display suspension, a combination with other options mounted to the display suspension might be restricted.</p>
1	<p><b>Body strap set</b></p> <p>Can be used to secure patient to the patient table and to compress patient anatomy. It consists of two belts with Velcro straps (l x w: 185 cm x 10 cm / 72.8" x 3.94").</p> <p>Intended only for use with Artis / ARTIS tables.</p>
1	<p><b>Sec. operation in the control room</b></p> <p>Interface for connecting the additional system control from the control room.</p> <p>Rail profile for hanging control modules (e.g. the table module) in the control room.</p> <p>Safety button for switching off all system functions from the control room.</p>
1	<p><b>Secondary Hand Switch Ctrl (C Room)</b></p> <p>Additional hand switch for radiation release and additional control functions.</p>
1	<p><b>Emer. power supply img. system</b></p> <p>Emergency power supply for the monoplane imaging system.</p> <p>Bridging of the imaging system power supply (50/60 Hz) until line voltage is back to prevent loss of data. In case of power failures of more than 90 seconds the imaging system will be shut down automatically.</p> <p>Nominal power: 2.2 kW</p>
1	<p><b>DICOM Print</b></p> <p>Provision of DICOM Print service for connection to a laser camera or a network printer (postscript-capable).</p>
1	<p><b>DICOM RIS-Modality Worklist</b></p> <p>Import of patient/examination data from an external RIS/HIS patient management system with DICOM MWL (Modality Worklist).</p>
1	<p><b>DICOM MPPS</b></p>

Qt	Item Description
1	<p>external RIS/HIS patient management system. Data such as the dose-area product can be transferred to the RIS.</p> <p><b>Interface for existing Sensis</b> Bi-directional communication interface (incl. set of cables) between Artis zee/Artis Q/Artis Q.zen and the Sensis hemodynamic and/or electrophysiology recording system.</p> <p>Contains an adapter cable for SVGA on 5x BNC.</p> <p>Recording, storage, and display of an ECG lead. Displayed together with the image information on a single monitor.</p>
1	<p><b>Injector conn. in the control room</b> Interface for controlling the contrast medium injector in the control room.</p> <p>Injectors can be offered by Siemens Healthcare Accessory Solutions</p>
1	<p><b>Large Display large work area</b> Preparation for the large color flat screen display on an extended arm for increased reach and working range. An additional cantilever beam extends the radial coverage of the display by approximately 60 cm.</p> <p>This extended suspension is installed on a ceiling-mounted carriage. The display holder is height-adjustable, longitudinally mobile and can swivel and rotate.</p> <p>In case of a ceiling-mounted or biplane configuration the carriage operates in the same rails as the C-arm carriage, which have been extended by 1.2 m for easy operation.</p> <p>This item also includes cables for the examination room.</p> <p>Note: The type of large display can be chosen with a separate position.</p>
1	<p><b>Large Display video controller 18</b> Large Display Video Controller 18 is the middle of three different video controller sizes. A maximum of 18 video signals can be connected and displayed simultaneously on the Large Display.</p> <p>The Large Display video controller 18 receives various internal and external video signals for presentation to scale on the Large Display.</p> <p>Up to 18 external and internal video sources can be connected (max. 14 DVI-D and 4 analog (VGA) channels).</p>
1	<p><b>LD High Contrast panel size 55"</b> Large color flat screen display (including cables) for the examination room, with a panel diagonal of 55". This large display version provides an excellent clinical image quality due to its new IPS panel technology.</p>
1	<p><b>Initial onsite training 32 hrs</b> Up to (32) hours of on-site clinical education training, scheduled consecutively (Monday - Friday) during standard business hours for a maximum of (4) imaging professionals. Training will cover agenda items on the ASRT approved checklist. Uptime Clinical Education phone support is provided during the warranty period for specified posted hours. This educational offering must be completed (12) months from install end date. If training is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund.</p>
1	<p><b>Follow-up training 32 hrs</b> Up to (32) hours of follow-up on-site clinical education training, scheduled consecutively (Monday - Friday) during standard business hours for a maximum of (4) imaging</p>

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	professionals. Uptime Clinical Education phone support is provided during the warranty period for specified posted hours. This educational offering must be completed (12) months from install end date. If training is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund.
1	<b>Follow-up training 12 hrs</b> Up to (12) hours of follow-up on-site clinical education training, scheduled consecutively (Monday - Friday) during standard business hours for a maximum of (4) imaging professionals. Uptime Clinical Education phone support is provided during the warranty period for specified posted hours. This educational offering must be completed (12) months from install end date. If training is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund.
1	<b>Standard Rigging zee SP GOV</b>
1	<b>Artis Q System Complimentary Biomed Training</b> This educational offering includes system training tuition for 1 clinical engineering professional on the Artis Q System Training and the syngo multimodality workstation as applicable. The training curriculum depends on and is limited to the system purchased and may include multiple courses including classroom training in USA or an international site, and/or virtual and web-based training. Additional modality basics training may be required as a prerequisite to these courses and must be purchased separately. This system training includes a 15% discount. Travel and lodging are not included. This educational offering must be completed by the later of (12) months from purchase or install end date; if training is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund. This forfeiture does not apply to Federal government agencies.
1	<b>Blue anti-fatigue floor mat for hospital</b>

Offset Artis Q Ceiling Complimentary Biomed Training

Offset Part 14434137 VA Kit Artis Q/ Q.zen systems

Offset Initial Training 32 hrs (

# Detailed Technical Specifications

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Description
<p><b>NT60010835 Interstate Mat Corporation Anti-fatigue Mat</b></p> <p>Industrial-grade anti-fatigue floor mat that provides comfort and durability. As a high-quality product designed to fight fatigue, it provides support for tired, aching feet, legs and back. Beveled edges for safety. Size 3'x5'.</p>

**Qty****Item Description**

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**Sensis Hemo**

Hemodynamic recording system for invasive cardiovascular procedures.

Vital signs monitoring and recording.

Invasive blood pressure monitoring and recording.

Calculation and derivation of hemodynamic parameters.

Log of procedure events in a procedure database.

Optional procedure data management and reporting software available.

Optional installation in a network of acquisition, post-processing and reporting clients with a central database available.

1

**FFR license**

Software license for integrated measurement of fractional flow reserve to quantify the severity of a stenosis. Continuous graphical and numerical display and recording of FFR values measures with Volcano, St. Jude Medical and ACIST FFR devices, including documentation of the FFR values in the procedure database.

1

**2x19" display in control room**

Two 19" high-contrast displays for the control room.

1

**Documentation and Reporting Master**

Package of software applications for procedure data management and reporting on Sensis. Includes Sensis Information System (SIS) to store and process procedure events and data captured on Sensis acquisition systems and report workstations.

This license configures the Sensis acquisition unit to be the master in a master/client infrastructure. The master hosts the Sensis Information System database. Up to two other Sensis acquisition units can connect as clients to this master system.

3

**Report WS SW license 1-3**

Report Workstation: Software application to access the Sensis Information System (SIS) database and use documentation and reporting functionality from a regular office PC or an additional documentation PC in the cath lab or holding area.

Price graduation for 1-3 single license dongles.

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**HL7 Interface**

Enables configuration of data exchange between the Sensis Vibe SIS database and HL7-enabled IT systems, including Hospital Information Systems (HIS) and Cardiovascular

Qty	Item Description
	Information Systems (CIS/CVIS).
	Includes reception and sending of HL7 messages.
1	<b>ECG radiolucent cable</b>
	Accessory kit for 12-lead ECG with radiolucent components.
1	<b>Respiration Option</b>
	Respiration module to measure oxygen saturation and respiratory frequency for adult and pediatric patients by analyzing etCO2 concentration in the expiratory air.
1	<b>Starter kit CO Thermo (N)</b>
	Accessory kit for measuring cardiac output by thermodilution.
1	<b>Barcode Reader Kit, wireless</b>
	Handheld, wireless device to scan codes on devices and transmit the read data to the Sensis Information System (SIS) for documentation. Can be used with Sensis acquisition systems and report workstations.
1	<b>Initial onsite training 32 hrs Sensis XP</b>
	Up to (32) hours of on-site clinical education training, scheduled consecutively (Monday - Friday) during standard business hours for a maximum of (4) imaging professionals. Training will cover agenda items on the ASRT approved checklist. Uptime Clinical Education phone support is provided during the warranty period for specified posted hours. This educational offering must be completed (12) months from install end date. If training is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund.
1	<b>Standard Rigging Sensis</b>
1	<b>AXIOM Sensis VC12 Complimentary Biomed Training</b>
	This educational offering includes system training tuition for 1 clinical engineering professional on the SENSIS and the syngo multimodality workstation as applicable. The training curriculum depends on and is limited to the system purchased and may include multiple courses including classroom training in USA or an international site, and/or virtual and web-based training. Additional modality basics training may be required as a prerequisite to these courses and must be purchased separately. This system training includes a 15% discount. Travel and lodging are not included. This educational offering must be completed by the later of (12) months from purchase or install end date; if training is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund. This forfeiture does not apply to Federal government organizations.

Offset Sensis Stand-alone Complimentary Biomed Training (

Offset Initial Training 32 hrs



# Detailed Technical Specifications

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Description
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<p>Up to (32) hours of on-site clinical education training, scheduled consecutively (Monday – Friday) during standard business hours for a maximum of (4) imaging professionals. Training will cover agenda items on the ASRT approved checklist. Uptime Clinical Education phone support is provided during the warranty period for specified posted hours. <b>This educational offering must be completed (12) months from install end date. If training is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund.</b></p>
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