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ST PETERSBURG, FL 33708

P.O.# 516-B80030

Quote Nr:

Qty

Item Description

1

ARTIS pheno - Surgery

Engineered to be truly patient-oriented, ARTIS pheno(r) is a unique floormounted robotic C-arm system for individualized preprocedural planning, intraoperative guidance, and immediate checkup - regardless of patient condition or procedure complexity.

Furthermore, it also helps you maintain a sterile work environment.

Faster 3D imaging for patients with impaired kidney function. Fast readout of up to > 90fps for option syngo DynaCT.

The unique robotic design allows the positioning of the C-arm in virtually any patient position thanks to the flexible isocenter.

Simplified operation of ARTIS pheno with Touch2Move technology (functions that can be selected and invoked in a single step).

The wide-space C-arm's usable clearance of 95.5 cm (37.5") grants more freedom during preparation and the procedure itself.

CleanSurface: ARTIS pheno is sporting smooth surfaces; the seamless sealed covers protect against spills and simplify cleaning. A layer of antimicrobial paint stops bacteria in growing or staying for longer on the surface.

CleanGuide, a comprehensive cleaning concept for ARTIS pheno. CleanGuide contains recommendations for detergents and suggests cleaning methods and techniques that ensure validated results.

Images will be shown on a large display

Disclaimer:

The products/features (here mentioned) are not commercially available in all countries. Due to regulatory reasons their future availability cannot be guaranteed. Please contact your local Siemens organization for further details.

1

Performance package

The new zen40HDR detector offers unmatched performance and ultra-low-dose imaging. Live 2k imaging during both fluoro and acquisition shows even the smallest details. More than 90 frames per second during 3D acquisition means shorter scan times with fewer motion artefacts.

Qty	Part No.	Item Description
		<p>Live 2k imaging at 15fps during fluoro and acquisition</p> <p>Frame rates of 90 fps or more during 3D acquisition</p> <p>Improved DQE thanks to unique scintillator thickness of 1,000 µm</p> <p>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.</p> <p>StructureScout for optimized visibility at lowest dose.</p>
1	14455542	<p>Laser crosshairs</p> <p>Laser cross for zen40HDR detector, integrated into the detector housing for simplified patient positioning and for syngo Needle Guidance marking preplanned puncture point and angle.</p>
1	14455540	<p>Surgery table (Trumpf-preparation)</p> <p>Interface to the TruSystem 7500 table from Trumpf. This interface enables integrated operation with the Siemens ARTIS system, including collision monitoring, operation via table module, and use of system positions. The ARTIS system and table control modules, including foot and hand switches for releasing radiation, are integrated into a trolley.</p> <p>Please note that the corresponding Trumpf table base and the tabletops released for use with the ARTIS pheno have to be ordered directly from Trumpf or their country representatives.</p>
1	14432948	<p>Automap</p> <p>Automatic stand positioning depending on the selected reference image and automatic reference image selection depending on the stand positioning.</p>
1	14432926	<p>Card acq. mode w/high speed</p> <p>Fast acquisition module for DR and DSA as well as digital card acquisition technology with frame rates of 7.5, 10, 15 and 30 f/s, acquisition, display and storage in 1k matrix.</p>
1	14432947	<p>Fluoro Loop</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	14432925	<p>PERISTEPPING / PERIVISION</p> <p>Motorized stepping for real-time bolus chasing.</p> <p>Gantry stepping with zeego and ceiling mounted systems, table stepping with floor mounted and biplane systems.</p> <p>Peripheral digital angiography with stepping and online subtraction display.</p>
1	14432943	<p>Vascular analysis</p> <p>Vessel analysis with determination of degree of stenosis, distance measurement and calibration.</p>
1	14455607	<p>syngo iFlow</p> <p>syngo iFlow allows the visualization and analysis of the flow and perfusion in the examined organs. This information is based on the time-to-peak calculations from a routine DSA acquisition. The calculations can be shown as a color-map of the whole organ. It is also possible to analyze the flow and perfusion of regions of interest (ROIs) defined by the user and this information can be displayed with graphics, which might further help in understanding the flow dynamics of these ROIs.</p>
1	14455581	<p>syngo EVAR Guidance Engine</p> <p>Application software for reconstruction, post-processing and handling of 3D information including applications for endovascular treatment of aortic aneurysms.</p> <p>The package includes the following functionalities:</p> <ul style="list-style-type: none"> - 3D high-contrast and CT-like soft-tissue imaging (syngo DynaCT)

Qty**Item Description**

- acquisition of large 3D volume for Dyna CT with faster reconstruction. Resulting in better image quality, less motion artifacts and the possibility of saving contrast medium.
- 3D Wizard for expert step-by-step guidance in 3D acquisition
- 3D roadmap for dynamic overlay of planning data and 3D volumes on live fluoroscopy
- Fusion functionality for integration of pre-interventional 3D datasets also from other modalities into the Angio-room (syngo 3D/3D Fusion and syngo 2D/3D Fusion)
- Marking of points or lines on the 3D geometry or MPRs and overlay of these markings on live fluoroscopy
- In-room control for table-side operation of advanced applications
- Parallel patient processing capabilities,

New!

syngo EVAR Guidance - a dedicated and optimized workflow facilitating the use of 3D image guidance during EVAR procedures.

1

VA-Kit ARTIS pheno

Second set of system documentation (operator manual, etc.)

1

Large Display diagn. Protection

The high quality laminated glass protective screen protects the panel of the monitor against mechanical damage and fluid ingress on the front.

It is suited for clinical image evaluation.

Features:

The laminated glass enforces high mechanical strenght and resistivity against mechanical impact, the special coating reduces reflections for a continuous image quality, excellent spectral transmissison of at least 98%, can be added to existing Artis Large Display installations.

Weight: approx. 12kg (55") up to 16kg (60")

Note: Observe the maximum permissible load of the display suspension, a combination with other options mounted to the display suspension might be restricted.

1

Infusion bottle holder

This infusion bottle holder can be mounted at the accessory rail of the patient table. It holds up to 4 infusion bottles.

It includes an infusion bottle holder made of stainless steel with 4 retaining rings.

Length: 84 - 138 cm (21.6" - 54.3")

Weight: 1.3 kg (2.87 lb)

Intended only for use with Artis / ARTIS tables

1

Arm rest

Arm support used for the arm approach. Length: 1 m (39.4"). Slides underneath the patient mattress and is held in position by the patient's weight.

Made of radiolucent carbon fiber material which is easy to clean. It includes two additional support pads of two different heights (4 and 7 cm).

Length pad: 60 cm / 23.62"

Width: 9 to 20 cm / 3.54" to 7.87"

Maximum weight: 5 kg (11.02 lb)

Qty**Item Description**

Weight (with pads): 2.1 kg / 4.63 lb

Intended only for use with Artis / ARTIS tables.

1

Arm holder (pair)

The patient's arms can be comfortably placed along the body using these two arm holders. They slide underneath the patient mattress and is held in position by the patient's weight.

It includes two pairs of arm holders of different length (540 mm / 690 mm - 21.2" / 27.2") and height (85 mm / 115 mm - 3.35" / 4.53"), suitable both for thick and thin patient mattresses.

Weight small arm holder: each 0.65 kg / 1.43 lb

Weight large arm holder: each 0.95 kg / 2.09 lb.

Intended only for use with Artis / ARTIS tables.

1

Oper. contr. surg. table (Boom)

Complete system operation via modular control elements to be wired through a third party boom or similar equipment.

This includes a table control module, collimator control module, wireless footswitch, and a pilot control module for system movements, imaging parameters and system control. A trolley to carry these modules is not included.

Please order the trolley if needed:

11155021 Mobile Accessories Cart with Rail for Control Panels and other Devices.

1

Injector connection (Exam. room)

Interface for connection of the contrast medium injector at the wall or at a ceiling boom in the examination room.

Injectors can be offered by Siemens Healthcare Accessory Solutions

1

Sec. operation in the control room

Preparation for system operation from control room.

1

2nd op. ctrl. handswitch (C-Room)

Additional hand switch in control room for radiation release and additional control functions.

1

Injector connection (C-Room)

Interface in the control room for controlling the contrast medium injector.

Injectors can be offered by Siemens Healthcare Accessory Solutions.

1

DICOM RIS-Modality Worklist

Import of patient/examination data from an external RIS/HIS patient management system with DICOM MWL (Modality Worklist).

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DICOM MPPS

Feedback of examination status via DICOM MPPS (Modality Performed Procedure Step) to an external RIS/HIS patient management system.

Data such as the dose-area product can be transferred to the RIS.

1

Large Display (3rd party)

Preparation for a large color flat screen display installed on a third-party display holder for the examination room.

Note:

For safety reasons, third-party display holders in combination with Large Display must meet the following criteria:

To prevent injuring the patient when positioning the display holder above the table, it has to be possible to manually move the third-party display holder vertically with a force of up to 85 N.

In the event that the angiography system comes into contact with the third-party display holder, it must be possible to push away the holder in a horizontal direction with a force less than 50 N. Otherwise, there is a risk of crush

Qty**Item Description**

injury to persons or material damage.

Please note that components supplied by Siemens (displays, cables) can be installed on an existing third-party display holder only by the manufacturer of that holder.

A connection kit for the large display is included.

1

Initial onsite training 32 hrs

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

Follow-up training 32 hrs

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 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

Follow-up training 12 hrs

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.

2

Additional onsite training 12 hours

Up to (12) 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 if applicable. 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.

2

Additional onsite training 24 hours

Up to (24) 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 if applicable. 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.

2

Additional onsite training 32 hours

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 if applicable. 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.

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Mark 7 Arterion, Pedestal System

The Arterion Mark 7 Pedestal contrast medium injector can be positioned anywhere at the patient positioning table on a mobile unit, for direct operation of all functions in the examination room.

The injector system includes:

A mobile pedestal stand with electronics unit, a contrast medium heater and a connection cable to the manual release.

A support arm with injector head and a control lever for moving the injector head.

A user control console with large touch screen and corresponding additional monitoring display on the injector head.

Qty

Item Description

Functions

Pressure limitation:

for 150 ml syringes 689 to 8273 kPa,
corresponds to 100 to 1200 psi. .

Flow rates for 150 ml syringes:

0.1 to 45 ml/s in increments of 0.1 ml/s

0.1 to 59.9 ml/min in increments of 0.1 ml/min

rise/fall: 0 to 9.9 s in increments of 0.1 seconds

Release delay for injection or radiation:

0 to 99.9 s in increments of 0.1 s.

Adjustable volume for 150 ml syringes:

1 ml to the max. syringe capacity in increments of 1 ml.

Fill rate:

Variable syringe filling speed 1-20ml/s.

Injection protocols:

Up to 40 injection protocols possible.

Parameters currently displayed on the touch screen display and on the head display:

Injection speed

Injection volume

Remaining volume

Injection duration

Applied pressure

Contrast medium heating:

Nominal 35°C (95°F)+-5°C (9°F)

Injection data memory

Up to 50 injection data items stored

Included in the scope of delivery

Injector standard configuration 150 ml

SIEMENS interface cable

Operator Manual

Service manual (English).

Power supply

200 V to 250 V; 50/60 Hz.

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Arterion Pedestal Install

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Eaton 93PM-150 kW UPS

Complete system backup without interruption. One UPS per lab.

Includes the following:

Eaton 93PM UPS Electronics Cabinet w/integrated maintenance bypass sidecar

Qty**Item Description**

Eaton 93PM Single Battery Cabinet System (Full load back-up time @ 150kW of 7.1 minutes.)
Eaton 93PM Remote Monitoring Panel
Network Card
Eaton 24x7 start-up
One year (24x7) warranty through Eaton Corp.

Not approved for sites that require OSHPD.

Shipment is to customer's dock. Customer is responsible for logistics from the dock to inside location.

1

Black anti-fatigue mat 36x60

Black NewLife EcoPro anti-fatigue mat (36 inches x 60 inches), 3/4 inch polyurethane foam, fluid and dirt resistant with anti-microbial properties, matte textured surface.

The ultimate employee benefit for workers who stand, are ergonomically designed to provide the perfect balance of premium comfort and optimal support. Proprietary Cellulon(r)Polyurethane Technology stands up to the tough demands of commercial environments while providing lasting comfort that won't bottom out over time. This eco-friendly line of anti-fatigue mats is certified by the National Floor Safety Institute for its high traction bottom surface.

1

Vitalinq Model 94A-07

Vitalinq Model 94A-07 Communication System

A combination intercom and music system designed for the active acoustic environments typical of catheterization, electrophysiology and vascular and interventional radiology labs.

The Vitalinq system will include:

1 - 94A-07 Communication Console

1 - monitor microphone

1 - desk microphone

1 - corded headset

1 - headset foot switch

4 - stereo speakers

2 - communication speakers

Operations and Owner's Manual

All cables necessary to complete installation

Installation guidance and 24/7 customer support via an 800 telephone number

All equipment is designed in a modular manner and connected by supplied standard ethernet cables which have pre-installed connectors. This allows for quick and easy installation, or if necessary over the life of the system, component replacement. Customer or end user shall be responsible for use and maintenance.

Installation and on-site service is not included.

1

Vitalinq MC-07 Console Extender

Vitalinq MC-07 Console Extender

A device which connects to the Vitalinq 94A-07 that can be located away from the 94A-07 console (such as in another room) and to which an additional headset and/or desk microphone can be connected for two-way communication with the procedure room.

1

Vitalinq wireless headset

Wireless Headset

A high quality wireless headset with adaptor cord which can be used in lieu of a corded headset with either the Vitalinq 94A-07 console or the Vitalinq MC-07 Console Extender.

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Mobile Accessories Cart MD-69

The mobile accessories cart MD-69 from MAVIG can easily hold any device which can be attached to a 10 x 25 mm rail; such as the control panels of a C-arm. The cart can be moved to different locations in the room, for example to maximize the distance of the medical staff from the source of x-ray radiation.

Qty**Item Description**

Special base design that requires minimal space yet still provides maximum tip-resistance
Smooth electro conductive rolling casters for easy maneuverability
Two brakes to secure cart in place
Frame in medico-white (RAL 9002)
Flat profile DIN rail for equipment support: 10 x 25 mm
Maximum load capacity: 8.5 kg / 18.7 lbs
Dimensions: 94.2 x 96.0 x 64.4 cm (H x W x D)

1

Standard Rigging zeego Gov

1

Additional Rigging AXA

1

Volcano CORE Mobile

CORE Precision Guided Therapy System

CORE CPU, Operator's Manual, Power Transformer, Cable Pre-Install Kit, Connection Box, two (2) Standard Controller and one (1) bedrail mount, 19"NEC Monitor Kit, Phased Array PIM Body, FFR functionality, DICOM Network Connection, ChromaFlo Functionality.

-Includes VH IVUS End User License Agreement

Customer agrees that use of the VH IVUS Software is subject to the terms of the End User License Agreement. A copy of the End User License Agreement is also available from your VOLCANO representative or online at www.volcanocorp.com/products/pdf-files/software-support-vh-ivus.pdf

-Includes Seven (7) Year IVUS Software Support Agreement and one year warranty through Volcano.

This signed Agreement provides for the purchase of the IVUS Software Support Agreement (SSA), which provides for unspecified IVUS software revisions released during for a seven (7) year term (should any be commercially released) at no additional cost. In the absence of an SSA, future software revision releases will be made available at additional cost to be determined upon commercial availability.

Options:

CORE Revolution Option

Includes SpinVision PIMr and PIM Cable

CORE Control Pad Option

Bedside touchscreen controller offering system control from the sterile field

CORE Printer Option

Medical grader local printer for Volcano system