

REQUESTING SERVICE: DIAGNOSTIC IMAGING
SHIP TO: WAREHOUSE

V.A. Medical Center
CHIEF, A&MMS (90D)
UNIV & WOODLAND
PHILADELPHIA, PA 19104
REQUISITION: 642-B50008

Qty	Item Description
1	Biograph mCT Flow 64 Biograph mCT Flow 64 with FlowMotion Technology
1	TrueV PET - mCT Flow The Biograph mCT Flow TrueV option provides improved PET productivity and performance by extending the axial PET coverage to 21.6 cm.
1	Install Kit with PDU - mCT Flow Items necessary for install. Includes power distribution unit for connecting entire system to a single 3-phase power drop.
1	PET Gantry UPS - mCT Uninterruptible Power Supply (UPS) option providing 10 minutes of backup power enabling proper shutdown of the PET system in the event of power loss. Specifications: 8.0 KVA, 230 Volts, 50/60 Hz.
1	Cooling System Water/Air - mCT Water-to-air heat exchanger for the dissipation of heat loss generated in the gantry to the outside air. System operating temperature: 20 - 26 degrees C, 20 - 75 % rel. humidity (not condensing). Ideal for installation far from the scan room. Cooling system contains to units, water/water exchanger close to the scan room and an additional remote water/air exchanger. Maximum distance between water/water unit and remote water/air exchanger up to 40 meters enabled by thin diameter of water transferring pipes.
1	Cooling System US Install Kit - mCT Kit for installation of the Cooling System Water/Air in US Includes: - Transformer for powering the Cooling System Water/Air - Service switch to shut off the outdoor cooling unit for maintenance or in case of emergency
1	Biograph Ge-68 Sources Calibration sources for the Biograph mCT. These sources are to be purchased with a new Biograph mCT scanner.
1	Biogr. Uni. Phantom Shield-Fixed Contains shield for the Biograph TrueV Uniform Phantom.

Qty	Item Description
1	Keyboard, English - mCT Keyboard in the above-mentioned language.
1	ultraHD-PET mCT Flow (AWP) (Time of Flight + PSF)
1	PET Cardiac Gating Opt - Flow (AWP) Provides PET cardiac gated list mode acquisition, offline histogramming, and reconstruction for improved accuracy in quantitation as well as visualization of cardiac motion. Supports a maximum of 24 gate bins from the list mode PET acquisition. Requires the optional UPMM for ECG signal capture.
1	PET Dynamic Option - Flow (AWP) Support for list mode acquisition, offline histogramming and reconstruction. Support for retrospective histogramming in any arbitrary frame durations of 3 second or greater, maximum of 100 frames defined by available disk space. Whole body (multi-bed) dynamic support of up to 25 passes. Dynamic Speed feature supports online processing capabilities for list mode imaging allowing reconstruction of dynamic frames from list mode data while acquisition is ongoing.
1	ECG monitoring module (UPMM-2) Universal Physiological Monitoring Module (UPMM) provides patient cardiac ECG information for either CT or PET cardiac gating. Locates in the patient handling system for convenient patient connection. Includes patient cable.
1	PET/CT Resp Gating Opt - Flow Provides both CT Respiratory and Triggering option as well as PET respiratory gated acquisition/reconstruction. Allows for the ability to automatically match gate definition between CT and PET during reconstruction for phase match attenuation correction and visualization.
1	HD-Chest #AWP Adaptive respiratory gating for automated optimal, motion-freeze, providing improved image quality by reducing respiratory motion artifacts while providing optimized count statistics.
1	Respiratory Trigger System 3.0 Respiratory trigger system for PET or CT Gating. The respiratory gating and triggering hardware is comprised of: chest/abdominal belt, pressure transducer, sensor port, Wave Deck, respiratory phantom, laptop PC with connecting cables. Power: 100-240 V, 50/60 Hz
1	RTP Pallet RTP Flat pallet for Biograph mCT. The carbon fiber table top utilizes a quick release latch for easy on/off. Varian Exact(tm) compatible indexing for accessories.
1	Installation (US/CAN)
1	Biograph TP 64 Buyback
1	English Manual - mCT Hardcopy of English Operator's Manual for Biograph mCT
1	MI PET Project Management A Siemens Project Manager (PM) will be the single point of contact for the implementation of your Siemen's equipment. The assigned PM will work with the customer's facilities management, architect or building contractor to assist you in ensuring that your site is ready for installation. Your PM will provide initial and final drawings and will coordinate the scheduling of the equipment, installation, and rigging, as well as the initiation of on-site clinical education.

Qty	Item Description
1	<p>Initial onsite training 32 hrs</p> <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. 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>Follow-up training 32 hrs</p> <p>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.</p>
1	<p>CT Cross Trainer</p> <p>CT Cross Trainer printed self study materials for (1) imaging professional. These materials will provide the user with basic CT knowledge by testing the participant periodically. Successful completion of the self study program will provide the participant with CE credits. CT Cross Trainer printed self study materials for (1) imaging professional. These materials will provide the user with basic CT knowledge by testing the participant periodically. Successful completion of the self study program will provide the participant with CE credits. 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>Additonal onsite training 32 hours</p> <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 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.</p>
1	<p>Project Mgmt/Site Planning (US only)</p>
1	<p>Low Contrast CT Phantom & Holder</p>
1	<p>NEMA_XR-29 Standard</p> <p>This system is in compliance with NEMA XR-29 Standard Attributes on CT Equipment Related To Dose Optimization and Management, also know as Smart Dose</p>
1	<p>Add'l/Out of Scope Rigging</p>

Qty

Item Description

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LAP Dorado Wall Mount Red

Includes: Three movable solid state red crosshair lasers on a computerized rails. CARINAsim Virtual Simulation Patient Laser Marking System compatible with all DORADO laser systems. Each laser rail contains two Class II 635nm red diode lasers. Six axes adjustment. Final adjustment without removing the cover. Positioning and travel accuracy < 0.3 mm. Each rail contains a microcomputer, an absolute encoder for dual feedback position verification. Auto calibration. On-rail function processing. Variable speed laser movement. Rigid extruded aluminum housing. Brackets for angular installation. Bi-directional data communication between control software and the laser rails. Input compatibility to all LAP CARINA software products. The CARINAsim system is LAP's single point access control unit with a graphical touchscreen user interface and connectivity to all major treatment planning systems through its DICOM compliant import interface. The CARINAsim software displays all the necessary simulation information such as: slice data, 3D rendering of the patient surface, three point isocenter, MLC shape and bounding box for all beams, skin markers, and reference points. All data is stored in distributed database architecture. Support for absolute, relative, and reference point marking workflows. Key Features: In CT Room Touchscreen AIO PC Distributed ARGONAVIS Patient Database 3D Patient Surface Rendering 3D Visualization of All Beam Data Relative, Absolute, and Reference Point Marking DICOM RT Compliant Interface LAP Proprietary File Format Interface Wilke laser alignment installation and quality assurance phantom with calibrated level and leveling plate. One year warranty through LAP. Installation by LAP must be included and is sold as a separate line item (LAPLI3).

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Installation, LAP Laser System