

XR RAD, VAMC FT HARRISON, MT
PO# 436-B70005

1 1

XR646 2D BASE W 6:1 GRID

Digital RAD 2 Detector Base System

- System PC
- Auto Detector Tracking
- Systems Cabinet
- Tissue Equalization
- Window/Level, Smart
Windowing, Zoom/Room,
Contrast Invert
- Intelligent Collimator Edge
Detection
- Patient Edit / Image Foldering
- Patient Management Via
HIS/RIS Connectivity
- Calculated Dose Information
- DICOM Connectivity, HIPAA,
MPPS
- Ethernet Network Link DICOM
3.0 Compliant
- DICOM media interchange on
DVD-R
- DICOM Patient Orientation
- Quality Assurance Program
(QAP) with QAP Phantom
- Broadband Connectivity for
InSite
- Multilingual Operator Manual
- TIB Box Kit
- Wireless Digital Detector (Qty. 2)
- Battery with Cap (Qty. 4)
- Battery Charger (Qty. 1)
- Medium Tether (Qty. 1)

Item No.	Qty	Catalog No.	Description	Contract Price	Discount	Ext Sell Price
			<ul style="list-style-type: none"> Overhead Tube Suspension 			
			6:1 Clip on Grid			
			Wireless DR detector snap on grid			
			<ul style="list-style-type: none"> 130cm (51in) focus grid 6:1 ratio, 70 lines/cm 			
2	1		Required Language Labels			
			Required System Language Labels - English			
3	1		65kW High Frequency Generator			
			65kW High Frequency Generator, 50 or 60Hz The high frequency 65kW power unit is designed for radiographic applications and utilizes microprocessor controlled power and parameter adjustment			
			Specifications:			
			<ul style="list-style-type: none"> 800 mA at 80 kVp 630 mA at 100 kVp Input Power: 360-480VAC, 3 Phase, 60Hz 			
			kVp Range: 40-150 kVp, 1 kVp increments			
			kVp Accuracy: 3% +/-2 kVp			
			mA Range:			
			<ul style="list-style-type: none"> Small Focal Spot: 10-320mA Large Focal Spot: 160-800mA 			
4	1		XR646 TBL W 100 GRID			
			Elevating table with floating tabletop and 3 AEC ion-chamber			
			100 cm Focus Table Grid (Additional) - 100 cm (40 inch) focus - 12:1 ratio, 70 lines/cm			

Item No.	Qty	Catalog No.	Description	Contract Price	Discount	Ext Sell Price
5	1		Table Top FlashPad Lateral Detector Holder Table Top Lateral Detector Holder Wireless DR detector holder, designed specifically for GE, secures the detector in a vertical position on the tabletop for cross-table imaging.			
6	1		TABLE REAR FOOT PEDAL Table Rear Foot Pedal			
7	1		XR646 WSTND W 100 - 180 Standard length wallstand 100 cm Focus Wallstand Grid (Additional) - 100 cm (40 inch) focus - 13:1 ratio, 70 lines/cm 180 cm Focus Wallstand Grid (Additional) - 180 cm (72 inch) focus Wallstand Grid - 13:1 ratio, 70 lines/cm			
8	1		MOTORIZATION WS KIT Vertical motorization kit for Optima XR646 digital wall stand - Motorization of wallstand vertical movement - Foot pedal controls the motorization with extremely low noise			
9	1		WS AUTO IP PERMANENT Image paste software for wallstand with image paste barrier			
10	1		Grid Holder Assembly Grid Holder Assembly <ul style="list-style-type: none"> • Extra Wall Mounting Grid 			

Item No.	Qty	Catalog No.	Description	Contract Price	Discount	Ext Sell Price
			Holder for up to 4 Grids			
11	1		<p>Infrared Remote</p> <p>Infrared Remote Control</p> <p>The infrared remote optionally allows remote control of several system features (e.g., collimator light, FOV selection, wallstand and OTS motorization).</p>			
12	1		<p>Repeat and Reject Analysis</p> <p>Repeat and Reject Analysis</p> <p>The Repeat and Reject Analysis (RRA) software package is a quality control (QC) application available that allows for repeat or reject images to be captured and categorized by technologist. It is designed to help track and analyze the X-ray repeat rate</p> <ul style="list-style-type: none"> • The easy-to-use operator interface helps technologists classify each image they reject and to select a specific reason for the repeat /image rejection. • RRA can be a helpful teaching tool because it includes links to actual JPEGs of the rejected images to help the user analyze why the image was rejected. • The RRA application tracks the rejected image data by operator, exam type, date and reason code. • Reports can be exported in DVD, CD or USB format for ease of use. 			
13	1		Auto Protocol Assist			

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			Auto Protocol Assist			
			Auto-Protocol Assist - the system will automatically transition directly to the Acquire screen when the protocol code downloaded from the HIS/RIS (automatically performed with worklist refresh) matches the exam code contained in the protocol database.			
			This tool eliminates the user steps required to select patient exam types and initiate an exam.			
14	1		UPS			
			Uninterrupted Power Supply			
15	1		XR646 TECH PUB MANUALS			
			XR646 Technical manuals			
16	1		PATIENT ORI-TAG PERMANENT			
			PO TAG REMOVE PERMANENT			
17	1		110CM TABLE GRID			
			110CM TABLE GRID			
18	1		Mid-Range 130cm Focus Grid			
			Mid-Range Wallstand Grid			
			- 130 cm (51 inch) focus - 10:1 ratio, 70 lines/cm - Used for SID ranges from 90 to 190 cm			
19	1		6 Day X-ray System Training			

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			6 Day XR System Training			
			One 4 day and one 2 day TiP Onsite Training visits for the X-ray system.			
			Includes T&L expenses. Days provided consecutively.			
			This training program must be scheduled and completed within 12 months after the date of product delivery.			
20	1		WALLSTAND CABLE SELECT			
			Connection cables for the wallstand			
21	1		Table cable select			
			Table cable select			
22	1		3M OTS BRIDGE			
			OPTIMA 3M OTS BRIDGE			
23	1		OPTIMA 3M OTS BRIDGE CABL			
			OPTIMA 3M OTS BRIDGE CABLE			
24	1		4M OTS RAIL			
			4M OTS Rail Select			

D8000 trade in

Options

(These items are not included in the total quotation amount)

Item No.	Qty	Description	List Price	Discount	Ext Sell Price
25	1	<p>Optima XR200amx upgrade kit</p> <p>Digital Upgrade Kit without Detector Promotion</p> <p>Digital Upgrade Kit WITHOUT FlashPad Detector for Optima XR200amx Promotion</p> <p>Utilize your existing FlashPad detector to upgrade your digital-ready Optima XR200amx to a fully integrated, digital mobile system at your facility in a single day. This upgrade kit features the following:</p> <ul style="list-style-type: none">FlashPad detector bin for safe storage and charging of the FlashPad Digital Detector (not included in this kit)Software upgrade to support a fully integrated digital imaging chainDAP meterOptimized GUI - Technique, image acquisition and display tools in a single integrated user interface			

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			<ul style="list-style-type: none"> Commonly used tools pallet available in all image processing screens System can be used without the detector for manual film or CR exposures. <p>Experience the benefits of a fully digital mobile flow with the following productivity advantages:</p> <ul style="list-style-type: none"> Systems can be used without the detector Image text annotations are supported with configurable font size for display and print Edit/copy exam to reprocess images without additional patient exposures Reprocessing of images allow multiple"looks" selection with configurable display parameters. Optional Auto Protocol Assist - matches procedure codes from Modality Work List (MWL) to select anatomy technique. 			

Item No.	Qty	Catalog No.	Description	List Price	Discount	Ext Sell Price
			<ul style="list-style-type: none">Modality Perform Procedure Step (MPPS; SPS/PPS configurable)Automated and customizable image transfer to PACS and printersWorklist auto-refresh (configurable)Can reprocess images post acquisition and during an examMWL remains visible until the next refresh even if the network connection is lostOptional Repeat/Reject Analysis tool allows classification and analysis of repeated/rejected exposures on the systemUsage reporting tools by individuals and user groupsBin stores detector and grid <p>FlashPad ready software and imaging chain includes:</p> <p>Automated image display, processing and annotation functions:</p>			

Item No.	Qty	Catalog No.	Description	List Price	Discount	Ext Sell Price
			<ul style="list-style-type: none">• Images can be previewed in 3 seconds• Total processing time of less than 13 seconds• Patient orientation management to align image to patient orientation• Integrated 15 in. (38.1 cm) touch-screen user interface• Monitor matrix size 1024 x 768 pixels• Patient orientation feature to match detector position image display and DICOM header.• Multiple set of predefined and customizable image processing• Parameters for each anatomy, view and patient size combination: "looks"• Multi-resolution processing for image enhancement• Advanced Noise Reduction (ANR) that reduces image noise while preserving detail			

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			<ul style="list-style-type: none">• EMI reduction algorithm to reduce potential artifacts generated from environmental electromagnetic interference• Tissue equalization algorithm that provides dynamic range control to enhance contrast in areas with varying densities.• Smart Windowing algorithm for automatic adjustment of brightness/contrast• Intelligent Collimation Edge Detection (ICED) algorithm that locates collimation edges present in an X-ray image based solely on image information, for automatic shuttering• L/R Markers and Image annotation• Image rotation, zoom, manual shuttering and gray scale invert• Patient orientation management provided to use			

Item No.	Qty	Catalog No.	Description	List Price	Discount	Ext Sell Price
			<p>detector in any orientation</p> <ul style="list-style-type: none"> Storage for more than 30,000 uncompressed images Images can be exported to CD/DVD media for storage <p>Networking</p> <ul style="list-style-type: none"> Worklist can be retrieved from HIS/RIS systems and images can be transmitted through the DICOM interface to printers, , archival devices (PACS), servers or review workstations IHE and DICOM 3.0 compliant services: DICOM IOD generated - DX Image auto send/transfer - DX or CR (support multiple destinations) DICOM storage - SCU DICOM storage commitment SCP, when fixed IP address is provided (programmable auto-delete function) DICOM modality 			

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			worklist for HIS/RIS			
			- SCU (with programmable auto refresh)			
			• DICOM gray scale print - manual and auto (with print layout options)			
			• Multi-format printing			
			• DICOM CD-R media exchange (DX only)			
			• Verification of connectivity for SCU & SCP services			
			• DICOM Modality Perform Procedure Step (MPPS) feedback to the HIS/RIS (SPS PPS) (configurable)			
			• VOI LUT burn on send (configurable)			