

San Francisco VA Medical Center
4150 Clement Street
San Francisco, CA US 94121

PO# 662-B60014

Item	QTY	Description
1	1	DRX Evolution System
	1	DRX-Evolution Plus System with Motorized OTC and Console, Motorized Wallstand (for Fixed 43 x 43 Detector) and Motorized Fixed Table (with Bucky Tray) An exceptionally versatile, flexible DR suite with modular components to fit your specific space, your workflow and your budget. The single operator console integrates generator settings, detector controls, and image delivery and includes a touch screen interface plus keyboard, mouse and barcode reader. It is powered by sophisticated workflow and image processing software. The motorized wallstand has a wide range of motion with four axes of movement, plus optional lateral movement. The Bucky tilts to horizontal for extremity or supine exams, plus it features side-to-side angulation to more easily perform oblique exams. The motorized fixed table utilizes DRX wireless portable detectors and simplifies patient positioning with an elevating, four-way floating top which can accommodate patients weighing up to 600 lbs (272 kg)The motorized Overhead Tube Crane (OTC) controls are designed and positioned for convenience and efficiency. A tube head touch-screen interactive display shows exam type, technique, AEC cells, tube head angle and more. Standard motorization features allow for auto-centering (tube to center of detector), auto-tracking

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		<p>and auto-perpendicularity for fast, accurate source-to-detector alignment. Auto-positioning functionality (option) allows for pre-programmed tube and Bucky positions, generator parameters and collimator settings to maximize technologist efficiency.</p> <p>Motorized Overhead Tube Crane (OTC):</p> <ul style="list-style-type: none">• Vertical travel: 161 cm (63 in)• 10.4" LCD touch-screen display• Beta range: +- 182 degreesConsole Monitor:<ul style="list-style-type: none">• 1280 x 1024• 48.3 cm (19 in) touchscreen monitorMotorized Wallstand (for Fixed 43 x 43 detector):• Bucky vertical range: Floor to 180 cm (70.9 in)• Bucky tilt: -20 to 0 to 90 degrees• Bucky angulation: +/- 45 degrees Motorized Fixed Table (with Bucky Tray):• Maximum patient weight: 272 kg (600 lb)• Table height range: 53 cm (20.9 in) to 86 cm (33.8 in)• 4-way float• Grid: 12:1, 80 lines per cm (203 lines per inch), Fixed Focus 110 cm (43 in)
	1	Fixed 43 X 43 cm CSI Detector
	1	Transverse and Longitudinal Rails

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	3	DRX Detector Battery
	1	Universal Power Supply
	1	DRX Plus 3543C Detector Wireless, cassette-size, 35 x 43 cm Csl Detector for fast workflow and instant access to images. Fits into standard Bucky trays and the wireless capability make it also ideal for tabletop use. The detector uses Cesium Iodide (Csl) for dose-sensitive applications. <ul style="list-style-type: none"> • Wireless standard: 802.11n • Image size: 35.0 x 42.3 cm • Pixel Pitch: 0.139 mm • External Dimensions: 35 x 43 Cassette (ISO 4090) 38.35 x 45.95 x 1.47 cm
	1	80kW Generator High Frequency Generator <ul style="list-style-type: none"> • 80 kW Input Three Phase Line: 380-480 VAC; +/-5% • 200 Plus kHz Output • 40-150 kVp standard • 0.5-1000 mAs standard • Unlimited APR views and techniques
	1	480VAC Input Power
	1	Wallstand Grid:80 LPCM, 12:1 ,FD 140 cm
	1	DRX EVOLUTION PLUS STATIONARY MOUNT

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	1	EVP Plus Imaging Processing Software Provides highly automated, state-of-the-art image processing. Uses multi-frequency image processing to increase latitude while preserving detail contrast in both over-penetrated and under-penetrated areas. Automatically processes and delivers diagnostic quality images to PACS based on look preference that can be uniquely specified by each site. Includes grid line suppression that prevents aliasing artifacts and application of a collimator mask. Five independent controls are available for the user for image adjustments in an intuitive user interface.
	1	IHE Schedule Workflow Software Automatically notifies the HIS/RIS about the status of the exams. Includes DICOM Modality Performed Procedure Step (MPPS) that can send exposure Information including DAP values (if installed) to the HIS/RIS.
	1	Modality Worklist Software Facilitates automatic transfer of patient and procedure data from your HIS/RIS system, eliminating manual data entry, and increasing technologist productivity.
	1	Administrative Analysis and Reporting Software Provides consolidated user-friendly reports from all Carestream CR and DR systems on the network. Example reports

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		include repeat statistics by user and exam type, exposure data by user and exam, detector usage, system use by radiographer and much more. Users can also generate custom reports. Helpful for performance tracking and operational improvements.
	1	Advanced Display Software Change technique/view from the OTC and preview the acquired image at the OTC for acceptance or rejection.
	1	ASSM-UNIVERSAL GRID HOLDER, DRX-EVOLUTION
	1	IR Remote Control Infrared remote control for wallstand up/down/tilt Bucky position, lateral movement on rail, autocentering, autotracking, autopositioning, collimation size adjustment, and collimator light on/off.
	1	Wall Mounted Detector Holder
	1	Retrofit Wireless Access Point - US
	1	DR LLI Step Stool Elevates the patient to allow imaging of lower extremities. Step Stool Dimensions: 696 x 385 x 190 mm (27 x 15 x 7 in.)
	1	Additional Keypad for Wallstand

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	1	Handgrips for Table
	1	Compression Band
	1	Table Pad
	1	DR LLI Kit for Wallstand Fast and convenient imaging of spine and long-bone images. Automatically capture and stitch up to 5 images. Includes: <ul style="list-style-type: none"> • Wallstand encoder • LLI software
	1	Rolling Detector Holder Provides handsfree positioning of detector or cassette in any orientation for convenient and effective imaging.
	1	DR Total Quality Tool Software Software used in conjunction with the DR Total Quality Tool Phantom. Performs objective image tests and QC measurements on Carestream DR detectors. The software analyzes flat field, dark noise and phantom image test performance. Test results are provided automatically with historical trending. The user can export the data for independent analysis. The software uses the same interface as that used for patient exams. Perform these tests when it's convenient for you without interrupting workflow or incurring the cost of third party testing.

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	1	Seismic Kit
	1	Manual Stitch Editor Advanced Software
	1	Tethered Table Control
	1	DAP Meter Measures the Dose Area Product of the x-ray tube for an exposure and documents this in the DICOM header. With the optional IHE Scheduled Workflow Software the DAP data will be sent to the RIS via DICOM Modality Performed Procedure Step (MPPS).
	1	FIPS OPTION/FOR DRX-EVOLUTION
	1	Bone Suppression Software Creates a companion image to the original exposure (chest views) which suppresses the appearance of bone and enhances the visualization of soft tissue. Requires no additional exposure to the patient. Has potential to increase the confidence of pathology assessment due to improved visibility.
	1	IHE Dose Reporting Software Collects and distributes comprehensive dose information to PACs including DAP value, techniques, and exposure indices. IHE has defined a protocol for reporting patient exposure dose. This feature will create a report using the IHE structure and

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		send it to whatever destination the user identifies.
	1	4GB RAM - HP 5800 PC
	1	Grid DRX-Evolution Table 110cm 12:1/40 Lines per centimetre
	1	Additional Table Footpedals
	1	Standard Touch Monitor
2	1	Professional Services
	1	Apps DRX Excel plus KO Training 3 days
3	1	Professional Services
	1	Operator Console Training Class
	1	DR - Customer DRX Evolution System Training - FULL Technical DRX EVOLUTION System training for Biomedical Engineers. (9 Days)
	1	Training Travel Package - Week 1 (Government sales only) Training travel package available to Government customers only. Tuition covers airfare, hotel, limited meals for up to a 1 week training class
	1	Training Travel Package - Week 2 (Government sales only)

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		Training travel package available to Government customers only. Tuition covers airfare, hotel, limited meals for up to a 2 week training class
4	1	Professional Services
	1	CSH DR FULL PROJ MGT - 2 VISITS
5	1	DR Accessories
	3	Weight Distribution Cap
6	1	DR Accessories
6	1	DRX Accident Protection for Warranty Year