

REQUESTING SERVICE: IMAGING SERVICE

SHIP TO: VA MEDICAL CENTER
 V.A. Medical Center
 A&MMS (90D)
 BUILDING 19
 1900 E MAIN ST
 DANVILLE, IL 61832

REQUISITION: 550-B90034

Item	Cat	Qty	Description
1			DRX Revolution
		1	<p>DRX-Revolution Mobile X-Ray System</p> <p>Carestream's innovative mobile X-ray room on wheels. The DRX-Revolution offers bins for gloves, paperwork, markers, bags and a lockable storage space for the detector. The collapsible column allows increased visibility and safety when driving the system. The tube arm can reach over 53 in (135 cm) to accommodate larger beds and crowded rooms while the system has 32 kW of power for shorter exposure times and more flexible technique selection. Dual, independent drive motors provide easy maneuverability and a maximum drive speed up to 3.5 m/h (5.6 km/h). An integrated proximity badge reader automatically logs the operator into the software and displays the patient worklist. Two touch-screen displays provide dual work zones with a 19 in. main monitor and 8 in. tube head monitor that allow the user to:</p> <ul style="list-style-type: none"> • display the patient worklist • review prior images (optional software) • copy or change technique • accept or reject images Other features include: • Integrated 1D barcode reader • 2 integrated battery chargers for detector batteries • Integrated storage bins for 1 DRX-1 detector, 1 2530C detector, 1 portable grid holder • Wired exposure switch

Item	Cat	Qty	Description
		1	<p>DRX Plus 3543C Detector</p> <p>Wireless, cassette-size, 35 x 43 cm CsI 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 (CsI) for dose-sensitive applications.</p> <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	<p>DRX Detector Battery</p>
		1	<p>Military Grade FIPS Data at Rest (DAR) Hard Drive Encryption</p> <p>Military Grade FIPS 140-2 Level 2 Data At Rest (DAR) Hard Drive Encryption Option for DRX-REVOLUTION - DIRECT SALES</p> <p>Certified to meet the FIPS 140-2 Level 2 standard</p> <p>Self-encrypting Solid State Drive (SSD) for use in the Advantec PC</p> <p>System must be running DirectView version 5.7F or later</p>

Item	Cat	Qty	Description
		1	<p>IMAGEVIEW V1.X SOFTWARE FOR REVOLUTION</p> <p>Software for the acquisition, review, delivery and printing of images on the DRX-Revolution. Provides a streamlined user interface and configurable workflow for optimal productivity. Supports a number of options and advanced applications to further enhance image quality and improve patient care. Includes built-in product security.</p>
		1	<p>EVP Plus Imaging Processing Software</p> <p>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.</p>
		1	<p>IHE Schedule Workflow Software</p> <p>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.</p>

Item	Cat	Qty	Description
		1	<p>Modality Worklist Software</p> <p>Facilitates automatic transfer of patient and procedure data from your HIS/RIS system, eliminating manual data entry, and increasing technologist productivity.</p>
		1	<p>Administrative Analysis and Reporting Software</p> <p>Provides consolidated user-friendly reports from all Carestream CR and DR systems on the network. Example reports 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.</p>
		1	<p>CARESTREAM Remote Management Services</p> <p>State-of-the-art technology that allows Carestream Health to proactively monitor, diagnose and fix malfunctioning equipment even before it stops working. Provided to all warranty and contract customers, and available for current PACS, IMS, RIS, CR and DR product lines.</p>
		1	<p>Two Handle Port Grid and Holder 103 Lpi 6:1 40-72 Fd 130 Cm</p>
		1	<p>Remote Exposure Switch</p> <p>Wireless, remote x-ray exposure switch for maximum mobility in making portable exposures</p>

Item	Cat	Qty	Description
		1	<p>Prior Image Review</p> <p>Retrieve and review images from PACS to review anatomy and positioning and copy techniques to the current exam in order to standardize exposure techniques for optimal image quality.</p>
		1	<p>ICU Software Package</p> <p>Package includes:</p> <p>Tube and Line Visualization Software Creates a companion image from the original exposure with optimized processing for clearer, easier visualization of PICC lines and tubes. With a single exposure, the software It increases confidence that tubes and lines are placed correctly.</p> <p>Pneumothorax Visualization Software Creates a companion image from the original exposure that is optimized to accentuate the appearance of free air in the chest cavity.</p> <p>Auto-Correct for Image Display Analyzes the image content and presents chest images in the proper orientation regardless of detector orientation</p>

Item	Cat	Qty	Description
		1	<p>DR Total Quality Tool Software and Phantom</p> <p>Package Includes Phantom and SW license for one Carestream DR system console. 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.</p>
		1	DRX-Revolution American Flag Panels
		2	12 Proximity Badges
		1	<p>Military Grade FIPS Data in Transit (DIT) Wireless Encryption to Detector</p> <p>Military Grade FIPS 140-2 Level 1 Data in Transit (DIT) Wireless Encryption to Detector Option for DRX-Revolution</p>
		1	<p>Bone Suppression Software</p> <p>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.</p>

Item	Cat	Qty	Description
		1	<p>IHE Dose Reporting Software</p> <p>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 send it to whatever destination the user identifies.</p>
		1	Standard Collimator For DRX-Revolution
		1	<p>Weight Distribution Cap</p> <p>Carbon fiber design for use with 14x17 inches / 35x43 cm DR Detectors and will support up to 750 lbs / 340 kg of distributed weight.</p>
		1	<p>SmartGrid Software</p> <p>SmartGrid feature is a software option that provides, upon request by user, a diagnostic radiograph image with a reduction in visible x-ray scatter similar to the effect of an anti-scatter grid.</p>
		1	<p>ImageView DAP for DRX-Revolution</p> <p>ImageView Dose Area Product Meter for DRX-Revolution</p>
		1	Cord Reel (USandC)
2			Professional Services

Item	Cat	Qty	Description
		1	<p>DRX-1 System Application Training for Key Operators / 2-days</p> <p>Provides the Key Operator with the skills necessary to use the DRX-1 system and produce images for diagnostic interpretation. It also provides an overview of Key Operator functions to allow the Key Operator to define system requirements and procedures necessary to configure the system according to the site's workflow environment. The Key Operator training is provided using the train-the-trainer philosophy, thus Key Operators can continue training your current staff as well as new staff in the future</p> <p>Any training not used within 24 months of installation will be forfeited.</p>
		1	<p>CSH Applications DR Basic User Training 1 Day</p> <p>Basic User Applications Training (sold in 8 hour blocks) provides the Technologist(s) with the skills necessary to use the system and produce images for diagnostic interpretation. Any training not used within 24 months of installation will be forfeited.</p>
3			<p>Professional Services</p>
		1	<p>DR - CSH DRX1 /Mobile System Training</p> <p>Technical DRX1 In Room and Mobile System Training for Biomedical Engineers</p> <p>Any training not used within 24 months of installation will be forfeited.</p>

Item	Cat	Qty	Description
		1	DR - Revolution Service Training (Cat# 8695595, DRX1 Training , is a prerequisite) Technical DRX REVOLUTION Mobile Xray System Training for Biomedical Engineers Any training not used within 24 months of installation will be forfeited.