

**REVOLUTION VA Balt**

Baltimore VAMC - VA Maryland Health Care System  
 Quote No. 319513  
 Revision Date: 9/19/2017  
 Expiration Date: 11/15/2017

Item	QTY	Description
1	1	<b>DRX Revolution</b>
	1	<p><b>DRX-Revolution Mobile X-Ray System</b></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"> <li>• display the patient worklist</li> <li>• review prior images (optional software)</li> <li>• copy or change technique</li> <li>• accept or reject images</li> </ul> <p>Other features include:</p> <ul style="list-style-type: none"> <li>• Integrated 1D barcode reader</li> <li>• 2 integrated battery chargers for detector batteries</li> </ul>

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		<ul style="list-style-type: none"><li>• Integrated storage bins for 1 DRX-1 detector, 1 2530C detector, 1 portable grid holder or grid alignment device</li><li>• Wired exposure switch</li><li>• Direct access to RIS/PACs</li></ul> <p>X-Ray Generator:</p> <ul style="list-style-type: none"><li>• Maximum Power Output 32kW</li><li>• Vp Range 40 to 150 kVp</li><li>• mAs Range 0.1 to 320 mAs</li></ul> <p>X-RAY Tube:</p> <ul style="list-style-type: none"><li>• Focal Spot Size: 0.6 mm / 1.2 mm</li><li>• Target Angle: 14 degrees</li><li>• Anode Heat Capacity: 300 kHU (212 kJ)</li></ul> <p>Tube Head Movement:</p> <ul style="list-style-type: none"><li>• Maximum SID to Floor: 2022 mm (79.6 in.)</li><li>• Minimum SID to Floor: 683 mm (26.9 in.)</li><li>• Tube Arm Reach: 1351 mm (53.2 in.)</li><li>• Column Rotation Range: +/- 270 degrees</li><li>• Tube Rotation: +180 degrees CW/-135 degrees CCW</li><li>• Tube Tilt: -10 to +90 degrees</li><li>• Collimator Rotation Range: +/- 90 degrees</li></ul> <p>Physical Characteristics:</p> <ul style="list-style-type: none"><li>• Weight: 575 kg (1268 lbs)</li><li>• Height (column collapsed): 1295 mm (51.0 in.)</li><li>• Height (column extended): 1956 mm (77.0 in.)</li><li>• Width: 576 mm (22.7 in.)</li><li>• Length: 1219 mm (48.0 in.)</li></ul>

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	1	<p><b>DRX Plus 3543C Detector</b></p> <p>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.</p> <ul style="list-style-type: none"><li>• Wireless standard: 802.11n</li><li>• Image size: 35.0 x 42.3 cm</li><li>• Pixel Pitch: 0.139 mm</li><li>• External Dimensions: 35 x 43 Cassette (ISO 4090) 38.35 x 45.95 x 1.47 cm</li></ul>
	1	<p><b>EVP Plus Imaging Processing Software</b></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><b>Modality Worklist Software</b></p>

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		Facilitates automatic transfer of patient and procedure data from your HIS/RIS system, eliminating manual data entry, and increasing technologist productivity.
	1	<b>Administrative Analysis and Reporting Software</b>  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.
	1	<b>CARESTREAM Remote Management Services</b>  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.
	1	<b>Tube and Line Visualization Software</b>  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.

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	1	<b>Two Handle Port Grid and Holder 103 Lpi 6:1 40-72 Fd 130 Cm</b>
	1	<b>Prior Image Review</b>  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.
	2	DRX Detector Battery
	1	<b>Standard side panels for DRX-Revolution</b>
	1	STANDARD COLLIMATOR FOR DRX-REVOLUTION
	1	<b>DRX Detector Battery</b>  DRX Detector Battery
	1	<b>Weight Distribution Cap</b>  This carbon fiber design for use with DR Detectors. For use with 14x17 inches / 35x43 cm DR Detectors and will support up to 750 lbs / 340 kg of distributed weight.
	1	<b>SmartGrid Software</b>  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.

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	1	<b>Wireless Access Point for US</b>
	1	Cord Reel (USandC)