

V.A MEDICAL CENTER  
10 N. GREENE ST.  
BALTIMORE, MD 21201

PO# 512-B30604

1 DRXR

1 **DRX Revolution Mobile X-Ray System**

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.

Proximity badge reader automatically logs the operator into the software and displays the patient worklist.

Two touch-screen displays provides dual work zones with a 19in. main monitor and 8in. tube head monitor.

- display patient worklist
- prior image review
- copy or changing technique
- image acceptance or rejection

**Product Specifications:**

**X-Ray Generator**

- Maximum Power Output 32kW
- kVp Range 40 to 150 kVp
- mAs Range 0.1 to 320 mAs

**X-RAY TUBE**

- Focal Spot Size: 0.6 mm / 1.2 mm
- Target Angle: 14 degrees

- Anode Heat Capacity:  
300 kHU (212 kJ)

#### TUBE HEAD MOVEMENT

- Maximum SID to Floor:  
2022 mm (79.6 in.)
- Minimum SID to Floor:  
683 mm (26.9 in.)
- Tube Arm Reach: 1351  
mm (53.2 in.)
- Column Rotation Range:  
+/- 270 degrees
- Tube Rotation: +180  
degrees CW/-135  
degrees CCW
- Tube Tilt: -10 to +90  
degrees
- Collimator Rotation  
Range: +/- 90 degrees

#### 1 **EVP Plus for DRX Revolution**

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 Scheduled WF SW for Revolution**

Automatically notifies the HIS/RIS about the status of the exams going through the DRX Revolution.

1	<p><b>DICOM WL Management for Revolution</b></p> <p>Facilitates automatic transfer of patient and procedure data from your HIS/RIS system, eliminating manual data entry, and increasing technologist productivity.</p>				
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1	<p><b>Administrative Analysis and Reporting Option for DRX Revolution</b></p> <p>The Administrative Analysis and Reporting Software provides radiology administrators with comprehensive information about the performance of all of their Carestream CR and DR systems. The software gathers information with ease from all systems in the department. It consolidates the information into a database for analysis and provides user-friendly reports allowing administrators to initiate corrective action and operational improvements. Example reports include repeat statistics by radiologist and exam type, exposure data by exam, cassette usage, system use by radiologist and exam mix, reject reasons and much more. Users can also generate custom reports based on the variety of information gathered.</p>				
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1	<p><b>Remote Management Services (RMS)</b></p> <p>CARESTREAM RMS is included. RMS minimize equipment and system downtime with proactive monitoring. Using state-of-the-art software applications, CARESTREAM RMS employs intelligent monitoring capabilities to securely monitor system</p>				
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			performance and capacity, identify potential problems, diagnose and initiate resolution.				
		1	<b>Portable Grid and Grid Holder</b>  Product Specifications: <ul style="list-style-type: none"> <li>• Grid holder with handle</li> <li>• Ratio is 8:1</li> <li>• Resolution is 200 lp/inch grid (short axis lines)</li> <li>• 40-72 Focal Distance Decubitus (grid lines parallel to short axis)</li> </ul>				
		1	DRX-1C Detector for Revolution				
		1	No Charge Detector Battery				
		1	DAP METER				
		1	12 PROXIMITY BADGES for Revolution				
		1	<b>ICU Package for Revolution</b> ICU Package contains: <ul style="list-style-type: none"> <li>• Tube and Line Visualization</li> <li>• With this feature, a companion image is created from the original exposure with optimized processing for clearer, easier visualization of PICC lines and tubes.</li> <li>• With a single exposure, the software It increases confidence that tubes and lines are placed correctly.</li> <li>• Pneumothorax Visualization.</li> <li>• Creates a companion image from the original</li> </ul>				

exposure that is optimized to accentuate the appearance of free air in the chest cavity.

- Auto-Correct for Image Display.
- Analyzes the image content and presents chest images in the proper orientation regardless of detector orientation.

3 DRX Detector Battery for Revolution

1 Retrofit WAP-US

1 SJT POWER CABLE REEL (USANDC)

1 **Prior Image Review for DRX Revolution**

Retrieve and review images from PAC<sup>2</sup>s and copy techniques to the current exam.

1 Professional Services

1 **Applications DRX REVOLUTION Key Operator Training - 2 days**  
To provide the Operator with the skills necessary to use the Revolution 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.				
3		1	DRX Accident Protection for Warranty Year				