

VA HOUSTON, TX  
PO# 580-B40044

Item		QTY	Description
1		1	<b>DRX Revolution</b>
		1	<b>DRX-Revolution Mobile X-Ray System</b>  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 dirve 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: <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 imagesOther features include:</li><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>

Item		QTY	Description
		1	<b>EVP Plus Imaging Processing Software</b>  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	<b>Modality Worklist Software</b>  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	RMS

Item		QTY	Description
		1	<b>Portable Grid and Holder 103 LPI 6:1 PARALLEL</b>  Ultra lightweight grid holder with two handles for easy positioning in any orientation. Rounded edges and smooth surfaces allow it to slide easily behind patients. Hard rubber corners, internal cushioning and energy absorbing design help to reduce shock from dropping. <ul style="list-style-type: none"> <li>• Grid holder with handle on both the long and short axis</li> <li>• Ratio is 6:1</li> <li>• Al interspace material</li> <li>• Resolution is 103 lp/inch grid</li> <li>• 40-72 Focal Distance Decubitus (grid lines parallel to short axis)</li> <li>• 1.64 kg (3.61 lb)</li> </ul>
		1	<b>DRX-1C Detector</b>  Wireless, cassette-size, 35x 43 cm CsI Detector
		1	DRX Detector Battery
		2	DRX Detector Battery
		1	STANDARD SIDE PANELS FOR DRX-REVOLUTION
		1	STANDARD COLLIMATOR FOR DRX-REVOLUTION
		1	Retrofit WAP-US
		1	Cord Reel (USandC)
2		1	<b>Professional Services</b>

Item		QTY	Description
		1	Basic User Training (1 Day)
		1	DRX-1 System and DRX-Mobile Retrofit Kit Training / for Biomedical Engineers Biomedical Training Week 1
		1	<b>DR - Customer DRX REVOLUTION Mobile Xray System Service Training</b>  Technical DRX REVOLUTION Mobile Xray System Training for Biomedical Engineers Biomedical Training Week 2