

Quotation Number: P4-C116334 V 3

Item No.	Qty	Catalog No.	Description	Ext Sell Price
	1		<b>Optima XR220amx</b>	
1	1	S2000TZ	<p>Customer Loyalty Upgrade Optima XR220amx Digital Mobile Radiographic system - with 30kW generator</p> <p>The Optima XR220amx is a self-contained battery operated mobile radiographic digital X-Ray imaging system designed for performing radiographic exams at the point of care</p> <p>Key Features</p> <ul style="list-style-type: none"> <li>• 30kW generator</li> <li>• Wireless Digital Detector with 6:1 removable grid, back-up tether, QAP (Quality Assurance Proceedure)</li> <li>• Dose Area Product Meter (DAP)</li> <li>• Capable of 100-240V nominal, 50/60 Hz operation</li> <li>• Stand-by mode to eliminate boot up cycles and allow exposure within 25 seconds</li> <li>• Exposures can be taken and processed while the unit is charging</li> <li>• Detector battery charges automatically while while the detector is in the bin</li> <li>• Optimized GUI - Technique, image acquisition and display tools in a single integrated user interface</li> <li>• The detector can be used in additional wireless enabled GE radiographic systems: please refer to the current literature for system compatibility</li> </ul> <p>Productivity</p> <ul style="list-style-type: none"> <li>• Up to 1,200 w of power available to minimize charge time</li> <li>• System can be driven within 4 seconds of activation</li> <li>• Pre-programmed techniques per anatomy and patient size</li> <li>• Systems can be used without the detector</li> <li>• Modality Perform Procedure Step (MPPS; SPS/PPS configurable)</li> <li>• Automated and customizable image transfer to PACS and printers</li> <li>• Can reprocess images post acquisition and during an exam</li> <li>• Usage reporting tools by individuals and user groups</li> <li>• System Health dashboard for system status</li> </ul>	



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- Bin stores detector and grid
- Built-in storage for cleaning wipes, gloves and lead apron
- Self-propelled single drive handle control with variable speed of up to 5 km/h (3.1 mph on flat surfaces) forward and reverse to automatically adjusts to the operator's pace

## Wireless Digital Detector Specifications

- Detector battery can take up to 45 exposures per hour and provide enough power for 3 hours of use on a single charge
- Single panel (non-tiled) amorphous silicon detector with a Cesium Iodide scintillator
- Image area 40.4cm x 40.4cm (15.9in x 15.9in)
- Active matrix 2022 x 2022 pixels
- 8mb raw image file size
- Pixel Pitch 200 microns
- Typical upper dynamic range 7.8mR
- Typical DQE @ 0lp/mm: (68%)
- Two handgrips
- Dimensions: L 23.1in., H 17.8in., T 0.94in. (L 580mm, H 452mm, T 24mm)
- Wireless point-to-point network between the system and detector for transferring image data
  - Communication over wide 500MHz channels to achieve very high data rates
  - Designed to co-exist with 802.11 networks without interference
  - Frequency: 3.1-10.6 GHz Max Power Output: -41.3 dBm
  - Max PHY Data rate: 480 Mbps
  - Effective Throughput: 30-70 Mbps Worklist can be retrieved from HIS/RIS systems and images can be transmitted through the DICOM interface to printers, archival devices (PACS) servers or review workstations
- RJ45 10/100/1000 Base T Ethernet port

Please refer to the DICOM conformance statement for complete definition of supported DICOM services.

## Generator

- 300 mA maximum



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			<ul style="list-style-type: none"> <li>• kVp and mAs controls</li> <li>• Less than 2% low frequency ripple</li> <li>• Frequency: greater than 100 kHz, super resonant inverter with varying frequency</li> </ul>	
			<p>X-ray Source</p> <ul style="list-style-type: none"> <li>• Nominal Tube Voltage (radiographic) ~ 150kV</li> <li>• Nominal Focal Spot size (IEC 60336) <ul style="list-style-type: none"> <li>- Large Focus - 1.3 mm</li> <li>- Small Focus - 0.6 mm</li> </ul> </li> <li>• Anode Rotation Speed (minimal): 3200 min</li> <li>• Permanent Filtration: 0.9 mm A1/75 kV IEC60522: 1999</li> <li>• Maximum X-ray Tube Current <ul style="list-style-type: none"> <li>- Large Focus: 500 mA</li> <li>- Small Focus: 200 mA</li> </ul> </li> <li>• Maximum Continuous Heat Dissipation: Without Air-circulator: 170W (238 HU/s)</li> </ul>	
			<p>Collimator</p> <p>A pair of independent collimator blades control the X-ray field</p> <ul style="list-style-type: none"> <li>• 180 lux (1000 Lumen/mt2) light field lamp</li> <li>• The collimator rotates plus and minus 180 degrees with detents at -180, -90, 0, +90 and +180 degrees</li> <li>• Full 43cm x 43cm (17 in.) coverage at a 100cm SID The column may be rotated up to plus or minus 270 degrees from the park position</li> <li>• Drive Inhibit keypad access</li> <li>• Password protected access to patient information for compliance with confidentiality regulations</li> <li>• Automatic safety brake: Operator must hold drive handle to allow system movement</li> <li>• Integrated front bumper stops unit and activates brakes when activated</li> </ul>	
2	1	S2000RE	<p>Wireless Connectivity for Optima XR220amx and Optima XR200amx</p> <p>802.11 a/b/g n-compatible wireless connectivity to hospital network</p> <p>Wi-Fi Certified</p>	



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			Compatible with: <ul style="list-style-type: none"> <li>• 802.11i, Wi-Fi Protected Access 2 (WPA2), WPA 802.1X</li> <li>• AES - TKIP</li> <li>• 64-, 128-WEP</li> <li>• VPN: IPSec - IKE</li> <li>• Management Frame Protection (MFP) EAP Types:               <ul style="list-style-type: none"> <li>- LEAP</li> <li>- LEAP + 128-WEP</li> <li>- LEAP + WPA</li> <li>- EAP - TLS</li> <li>- EAP-TTLS/MSCHAPv2</li> <li>- EAP-FAST</li> <li>- PEAP-GTC</li> <li>- PEAP/MSCHAPv2</li> </ul> </li> </ul>	
3	1	W0700RA	AMX 700 TiP Training: 4 Days Onsite (3 Days + 1 Day) One 3 day and one 1 day TiP onsite training visit for Definium AMX 700. Includes T&L expenses. Days provided in two customer visits. This training program must be scheduled and completed within 12 months after the date of product delivery.	

Trade-in

**Quote Summary:****Total Discount:****Total Extended Selling Price:****Customer Loyalty Program Price Discount****Trade-In Credit for AMX4 Ser # 9828821OK3****Total Quote Net Selling Price**