

578-B48017

HINES, IL.

Item No.	Qty	Catalog No.	Description	Contract Price	Discount	Ext Sell Price
1	1	S2000TZ	<p><b>Optima XR220amx - 30kW</b> <b>Optima XR220amx</b></p> <p>Customer Loyalty Upgrade Optima XR220amx 30kW</p> <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 Procedure)</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 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</li></ul>			

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			<p>additional wireless enabled GE radiographic systems: please refer to the current literature for system compatibility</p>			
			<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> <li>• Bin stores detector and grid</li> <li>• Built-in storage for cleaning wipes, gloves and lead apron</li> <li>• 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 adjust to the operator's pace</li> </ul> <p>Wireless Digital Detector Specifications</p> <ul style="list-style-type: none"> <li>• Detector battery can take up to 45 exposures per hour and provide enough power for 3</li> </ul>			

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			<p>hours of use on a single charge</p> <ul style="list-style-type: none"> <li>• Single panel (non-tiled) amorphous silicon detector with a Cesium Iodide scintillator</li> <li>• Image area 40.4cm x 40.4cm (15.9in x 15.9in)</li> <li>• Active matrix 2022 x 2022 pixels</li> <li>• 8mb raw image file size</li> <li>• Pixel Pitch 200 microns</li> <li>• Typical upper dynamic range 7.8mR</li> <li>• Typical DQE @ 0lp/mm: (68%)</li> <li>• Two handgrips</li> <li>• Dimensions: L 23.1in., H 17.8in., T 0.94in. (L 580mm, H 452mm, T 24mm)</li> </ul>			
			<ul style="list-style-type: none"> <li>• Wireless point-to-point network between the system and detector for transferring image data <ul style="list-style-type: none"> <li>- Communication over wide 500MHz channels to achieve very high data rates</li> <li>- Designed to co-exist with 802.11 networks without interference</li> <li>- Frequency: 3.1-10.6 GHz</li> <li>- Max Power Output: -41.3 dBm</li> <li>- Max PHY Data rate: 480 Mbps</li> <li>- Effective Throughput: 30-70 Mbps Worklist can be retrieved from HIS/RIS systems and images can be transmitted through the DICOM interface to printers,</li> </ul> </li> </ul>			

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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
- kVp and mAs controls
- Less than 2% low frequency ripple
- Frequency: greater than 100 kHz, super resonant inverter with varying frequency

X-ray Source

- Nominal Tube Voltage (radiographic) ~ 150kV
  - Nominal Focal Spot size (IEC 60336)
    - Large Focus - 1.3 mm
    - Small Focus - 0.6 mm
  - Anode Rotation Speed (minimal): 3200 min
  - Permanent Filtration: 0.9 mm
- A1/75 kV IEC60522: 1999

- Maximum X-ray Tube Current
  - Large Focus: 500 mA
  - Small Focus: 200 mA
- Maximum Continuous Heat Dissipation: Without Air-circulator: 170W (238 HU/s)

Collimator

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			<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</p> <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> <p>Compatible with:</p> <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> </ul>			

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			<ul style="list-style-type: none"> <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	S2000RL	<p>Auto Protocol Assist</p> <p>Auto Protocol Assist for Optima XR200amx and Optima XR220amx</p>			
4	1	S2000RS	<p>Repeat/Reject Analysis</p> <hr/> <p>Repeat/Reject Analysis for Optima XR220amx/Upgraded Optima XR200amx</p>			
5	1	E7009KD	<p>Optional System Covers with Artwork - Custom Design - Brivo XR285, Optima XR200, Optima XR220</p> <p>Guidelines and Requirements</p> <ul style="list-style-type: none"> <li>• Artwork must be provided in a file format suitable for graphic design production, such as Adobe Illustrator, Photoshop, InDesign, etc.</li> <li>• JPEG, PDF, or TIFF files may be acceptable if they meet the size and resolution requirements of 300 dpi resolution</li> <li>• Graphic will be sized to fit the mobile X-ray side panel: 26" W x 35" H</li> <li>• Customer must own the image</li> </ul>			

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			<p>rights or the copyright to use the image</p> <ul style="list-style-type: none"> <li>If the customer has a conceptual idea, but does not have the actual high resolution graphic as part of the customization process GE Healthcare can provide image-searching/purchasing services from stock-photograph agencies. There is an additional charge for this service.</li> <li>Artwork must be consistent with GEHC branding guidelines and must pass a cursory GE design review GEHC (Global Design and Marketing) reserves the rights to <del>reject any artwork submitted</del></li> <li>Recommended artwork/themes include: facility/institution logos, letter or number reflecting building location, department or floor, abstract graphic design images, etc</li> <li>All requests require a signed Order Form Order forms can be obtained by calling an Accessories Customer Service Representative at 1800-558-5102 opt 2, opt 1, or visit SMART or SupportCentral to download the form</li> <li>All artwork must be accompanied by a Purchase Order</li> </ul>			
6	1	E7009HB	<p>Sterile Protective Drapes - Detector Drape</p> <p>Sterile Protective Drapes - Detector</p>			

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7	1	W0112RA	<p>Drape</p> <p>Optima XR220amx Training: 4 Days Onsite</p> <p>Optima XR220amx Training: 4 Days Onsite (3 Days + 1 Day)</p> <p>One 3 day and one 1 day TIP onsite training visit for Optima XR220amx.</p> <p>Includes T&amp;L expenses. Days provided in two customer visits.</p> <p><i>This training program must be scheduled and completed within 12 months after the date of product delivery.</i></p>			

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1

**AMX700 Trade-in**