

Quotation Number: P3-C125155 V 2

Qty	Catalog No.	Description
1		Optima XR220amx
1	S2000SA	<p>Optima XR220amx 15kW International</p> <p>Optima XR220amx Digital Mobile Radiographic system</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"> • 15 KW generator • Wireless Digital Flashpad Detector with 6:1 removable grid, Back-up tether, QAP (Quality Assurance Procedure) • Dose Area Product Meter (DAP) • Capable of 100-240V nominal, 50/60Hz operation • Stand-by mode to eliminate boot up cycles and allow exposure within 25 seconds Exposures can be taken and processed while the unit is charging • Detector battery charges automatically while the detector is in the bin • Optimized GUI - Technique, image acquisition and display tools in a single integrated user interface • The detector can be used in additional wireless enabled GE radiographic systems: please refer to the current literature for system compatibility <p>Productivity</p> <ul style="list-style-type: none"> • Up to 1,200 w of power available to minimize charge time • System can be driven within 4 seconds of activation • Pre-programmed techniques per anatomy and patient size • Systems can be used without the detector • Modality Perform Procedure Step (MPPS; SPS/PPS configurable) • Automated and customizable image transfer to PACS and printers • Can reprocess images post acquisition and during an exam • Usage reporting tools by individuals and user groups • System Health dashboard for system status • 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 5km/h (3.1mph on flat surfaces) forward and reverse to automatically adjust to the operator's pace <p>Wireless Digital Detector Specifications</p> <ul style="list-style-type: none"> • Detector battery can take up to 45 exposures per hour and provide enough power for 3



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		<p>hours of use on a single charge</p> <ul style="list-style-type: none"> • 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% • 2 handgrips • Dimensions: L-23.1in x 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 <ul style="list-style-type: none"> - 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 <p>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.</p> <ul style="list-style-type: none"> • RJ45 10/100/1000 Base T Ethernet port <p>Please refer to DICOM conformance statement for complete definition of supported DICOM services.</p> <p>Generator</p> <ul style="list-style-type: none"> • 300 mA max • kVp and mAs controls • Less than 2% low frequency ripple • Frequency: greater than 100 kHz, Super resonant inverter with varying frequency <p>X-ray Source</p> <ul style="list-style-type: none"> • Nominal Tube Voltage (Radiographic) ~ 150kV • Nominal Focal Spot size (IEC 60336): <ul style="list-style-type: none"> - Large Focus: 1.3mm - Small Focus: 0.6mm • Anode Rotation Speed (minimal): 3200 min



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		<ul style="list-style-type: none"> • Permanent Filtration: 0.9mm A1/75 kV IEC60522: 1999 • Maximum X-ray Tube Current <ul style="list-style-type: none"> - Large Focus: 500 mA - Small Focus: 200 mA Maximum Continuous Heat Dissipation: Without Air-circulator: 170W (238 HU/s) <p>Collimator A pair of independent collimator blades controls the X-ray field</p> <ul style="list-style-type: none"> • 180 lux (1000 Lumen/mt2) light field lamp • The collimator rotates +-180 degrees with detents at -180, -90, 0, +90 & +180 degrees • Full 43cm x 43cm (17in) coverage at a 100cm SID • The column may be rotated up to +- 270 degrees from the part position • Drive Inhibit keypad access • Password protected access to patient • information for compliance with confidentiality regulations • Automatic safety brake: Operator must hold drive handles to allow system movement • Integrated front bumper stops unit and activates brakes when activated
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"> • 802.11i, Wi-Fi Protected Access 2 (WPA2), WPA 802.1X • AES - TKIP • 64-, 128-WEP • VPN: IPsec - IKE • Management Frame Protection (MFP) EAP Types: <ul style="list-style-type: none"> - LEAP - LEAP + 128-WEP - LEAP + WPA - EAP - TLS - EAP-TTLS/MSCHAPv2 - EAP-FAST - PEAP-GTC - PEAP/MSCHAPV2



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1	S2000RL	Auto Protocol Assist Auto Protocol Assist for Optima XR200amx and Optima XR220amx
1	W0700RA	AMX 700 TiP Training: 4 Days Onsite (3 Days + 1 Day) 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.

