

GE Healthcare

PO# 561-B20009
VAMC Lyons, NJ
XR-Port Rad

Trade-In

QUOTATION

Quotation Number: P3-C149127 V 1

VA New Jersey Healthcare System
Lyons
151 Knollcroft
Lyons, NJ 07939

Attn: Christopher Mele, MD
Radiology Director

Date: 04-20-2012

Qty	Catalog No.	Description
1		Optima XR220amx
1	S2000TY	<p>Customer Loyalty Upgrade Optima XR220amx Digital Mobile Radiographic system 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"> • 30 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



PO Box 414, Milwaukee, WI 53201-0404
General Electric Company
General Electric Company, GE Medical Systems

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- 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
- 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%
 - 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
 - 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 DICOM conformance statement for complete definition of supported DICOM services.

Generator

- 300 mA max
- 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: 1.3mm
- Small Focus: 0.6mm
- Anode Rotation Speed (minimal): 3200 min



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- Permanent Filtration: 0.9mm 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 A pair of independent collimator blades controls the X-ray field 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

Wireless Connectivity for Optima XR220amx and Optima XR200amx
802.11 a/b/g n-compatible wireless connectivity to hospital network
Wi-Fi Certified

- Compatible with: 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:
- LEAP
- LEAP + 128-WEP
- LEAP + WPA
- EAP - TLS
- EAP-TTLS/MSCHAPv2
- EAP-FAST
- PEAP-GTC
- PEAP/MSCHAPV2



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|---|---------|---|
| 1 | S2000PJ | Blue Tooth Bar Code Reader |
| 1 | W0110RA | Optima XR220amx Upgrade Training: 3 Days Onsite (2 Days + 1 Day)
One 2 day and one 1 day TiP onsite training visit for Optima XR200amx to Optima XR220amx upgrade.
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. |

Quote Summary:

Total Extended Selling Price:

**Customer Loyalty Program Price
Discount**

Trade-In Credit for AMX 4

Total Quote Net Selling Price

(Quoted prices do not reflect state and local taxes if applicable)

