

VAMC FT. HARRISON, MT  
PO# 436-B40001

Item No.	Qty	Description
1	1	<p>Optima XR200amx 30kW International</p> <p>Optima XR200 Digital-Ready Mobile Radiographic system with 30kW generator</p> <p>The Optima XR200amx is a self-contained battery operated mobile radiographic digital X-ray imaging system designed for performing radiographic exams at the point of care that can take images on Film or CR and can be converted to digital by adding the GE Digital upgrade kit for Optima XR200amx</p> <p>Key Features</p> <ul style="list-style-type: none"><li>• Designed to be used without a digital detector</li><li>• All internal image processing hardware is built in to make it ready to be upgraded to a fully integrated wireless digital system</li><li>• The image chain and power management components are built-in to allow the upgrade to a fully integrated wireless digital system</li><li>• "Stand-by" mode eliminates boot up cycles and allows exposures within 25 seconds</li><li>• Exposures can be taken while the unit is charging</li><li>• Smart Charge automatic charging algorithms allow the system to be re-charged even if batteries are not fully drained</li><li>• 30 kW (nominal) generator</li><li>• Optimized GUI - Worklist, protocol</li></ul>

Item No.	Qty	Description
----------	-----	-------------

assist and technique selection in a common system interface

#### Productivity

- Up to 1,200 w of power available to minimize charge time
- System can be driven with 4 seconds of activation
- Pre-programmed techniques per anatomy and and patient size
- Modality Perform Procedure Step (MPPS; SPS/PPS configurable)
- System Health dashboard for system status
  - Bin stores eight standard sized plates
  - 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

#### 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) ~ 150 kV
- Nominal Focal Spot size (IEC 60336):
  - Large Focus: 500 mA

Item No.	Qty	Description
----------	-----	-------------

- 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 plus and minus 180 degrees with detents at -180, -90, 0, +90 and +180 degrees
- Full 43cm x 43cm (17in.) coverage at a 100cm SID

The column may be rotated up to plus or minus 270 degrees from the park position

- Drive Inhibit keypad access
- Password protected access to patient information for compliance with confidentiality regulations
- Automatic safety brake: Operator must hold drive handle to allow system movement
- Integrated front bumper stops units and activates brakes when activated

2

1

#### Wireless Connectivity

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:

Item No.	Qty	Description
		<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	<p>X-ray TiP Training, 1 Day Onsite</p> <p>X-ray TiP Training, 1 Day Onsite</p> <p>One Day X-ray Onsite Training provided from 8AM to 5PM, Monday through Friday. Includes T&amp;L expenses.</p> <p>This training program must be scheduled and completed within 12 months after the date of product delivery.</p>
4	2	<p>OPTIMA XR220 AMX</p> <p>Optima XR220AMX, XR200AMX, &amp; Brivo XR285AMX Full Service Training (Class/Lab) (3 Days)</p> <p>This service training class covers all three mobile X-ray systems Optima XR220AMX, XR200AMX, and Brivo XR285AMX. Engineer must have completed XR Basic Service R0182RY &amp;</p>

Item No.	Qty	Description
		R0181RY or equivalent experience before attending this course. This course must be taken within 2 years from the purchase date.
5	6	<p>Meals And Lodging Expense</p> <p>Meals and Lodging Expense has been developed to allow the customer the convenience of prepaying for their meals and lodging expenses when attending Technical Service Training at the GE Healthcare Institute located in Waukesha, WI.</p> <p>The price of this convenience is based on a per day basis. Thus a quantity of 1 is equal to 1 day's meals and lodging expense. When purchasing the meals and lodging expense please be mindful of weekend days during the training stay and include 2 days to cover a weekend in the purchase quantity.</p> <p>Examples: A 5-day course needs a quantity of 5. Any course longer than 5 days should include 2 days to account for the weekend stay. Any course longer than 10 days will require an additional 4 days of the meals and lodging expense to cover the 2 weekends of the stay. Thus a 15-day course would have a quantity of 19 days to cover the 2 weekends of the stay. This expense must be used within 2 years from the purchase date.</p> <p>Three meals a day Monday thru Thursday, 2 meals on Friday, plus breaks are provided in the onsite cafeteria. The GE Healthcare Institute cafeteria closes Friday after lunch and reopens Monday morning for breakfast.</p>

Item No.	Qty	Description
		Weekend meals are the responsibility of the customer.
		Only for In-resident courses to be taken at the GE Healthcare Institute.
6	2	<p>Airfare Expense</p> <p>The AIRFARE EXPENSE has been developed to allow the customer the convenience to prepay their roundtrip Airfare expenses when attending Technical Service Training at the GE Healthcare Institute located in Waukesha, WI. To be used for engineers attending In-Resident Class/Lab courses for Diagnostic Imaging.</p> <p>Customer will make their Airfare arrangements thru the GE Travel Center. Specific directions will be provided to the customer upon confirmation of class. Please note that this expense must be used within 2 years of the purchase date</p>
7	2	<p>OPTIMAXRAMX WIRELSSSVTRNG</p> <p>OPTIMAXRAMX WIRELSSSVTRNG</p>