VAMC CHEYENNE, WY
PO# 442-B30029

| # | Qty | Description | | | | | | | |
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| | | **DR PACKAGES** | | | | | | | |
| 1 | 1 | DX-D 30 C Cassette Detector<br>DX-D 30C Wireless DR Detector Set:<br>· One [1] DX-D 30C Wireless Detector is included<br>· Two [2] DX-D 30C batteries included<br>· One [1] DX-D 30C battery charger included<br><br>DX-D 30C Specifications:<br>· Amorphous Silicon Detector [a-Si]<br>· Cesium Iodide [CsI] Conversion Screen<br>· Receptor type: Amorphous Silicon Technology<br>· Conversion screen: Cesium Iodide (CsI)<br>· Effective Image Area: 350 x 426 mm<br>· Size: 46 x 38.4 x 1.5 cm (18.1 x 15.1 x 0.6 inch; ISO 4090)<br>· Weight: 3.4 kg (7.5 lbs) (incl. battery)<br>· Gray scale: 4,096 gradations<br>· Pixel Matrix: 3,408 (h) x 2,800 (v) (approx. 9.5 million pixels)<br>· Pixel Pitch: 125 μm<br>· Resolution: 4 lp/mm<br>· Energy Range Standard: 40-150 kVp<br>· Wireless data transmission from detector to access point: IEEE | | | | | | | |

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| | | 802.11n<br><br>For use with DX-D 100 or shared panel environment.<br>**Hardware - HP** | | | | | |
| 2 | 1 | DX-D100 40kW Wireless Ready DR Mobile with DAP/Remote<br>DX-D 100: 40 kW Wireless Mobile DR<br><br>Portable Radiography System with 40kW Generator<br><br>Integrated Touch-Screen LCD Monitor and Operator Console<br>With NX Premium DX-D 100 Software<br><br>Features:<br>· MUSICA 2 GenRad: Intelligent body part independent image processing<br>· NX Optiview: Automatic Black Borders, Gridline Suppression and Square Marker<br>· NX Quality Assurance: Dose Monitoring and Repeat / Reject Software<br>· NX Precision Tools: Advanced Measurement and Annotation<br>· NX RIS Connectivity includes Procedure Code Mapping if supported by host RIS<br>· NX Integrated Workflow includes MPPS if supported by host RIS<br>· Operator's graphical user interface for modality work-list query, manual patient entry and exam configuration, image acquisition, image preview and QC, integrated generator interface, DICOM Store and DICOM Print<br>· Wide-screen all-in-one display presents the Agfa NX DR operator interface combined with a full-featured x-ray generator console interface and with thumbnail image display<br>· Touch-panel LCD screen displays fully functional alpha/numeric software-keyboard on demand for log-in, manual patient entry, operator entry, comment entry, annotation, etc.<br><br>X-ray Generator<br>· 40 kW maximum output [according to IEC 601]<br>· kVp Range: 40 - 150 kVp,<br>· mA Range: 10 - 500 mA | | | | | |

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| | ·        mAs Range: 0.1 - 500 mAs<br>·        Timer Range: 0.001 - 10.0 seconds<br><br>X-Ray Tube<br>·        0.6/1.2mm focus,<br>·        300kHU, 150kVp,<br>·        12° target<br><br>Tube Arm / Stand<br>·        Counterbalanced tube arm with system repositioning controls<br>·        Tube arm reach - 49.2"<br>·        Column Rotation +/- 315 degrees<br>·        Maximum SID to Floor - 80.7"<br><br>Mobile Unit<br>·        Weight 1,210 lbs [548.85 kg]<br>·        L 53.54 x W 26.4 x H 77.9 inch [135.99 x 67.05 x 197.86 cm]<br>·        Touch Screen Console<br>·        Anti Collision system Frontal and Lateral<br>·        Motorized unit up to 4km/h [2.48 mph]<br>·        Two independent drive motors one for each wheel [forward and reverse]<br>·        Two independent battery systems for driving and imaging<br>·        Manual collimator with SID meter<br>·        LED Collimator<br><br>Options Included<br>·        NX 3.0 Feature License: Full Screen Mode, Auto Image Advance [configurable], Forced Operator ID [configurable]<br>·        NX Extended Dose Reporting<br>·        Remote I/R Exposure Switch<br>·        DX-D 100 Dose Monitoring: External Dose Area Product (DAP) Meter<br>·        Provides digital readout of Dose Area Product for each acquired individual exposure<br>·        Provides digital readout of accumulated Dose Area Product for a sequence of exposures<br><br>Services Included<br>·        Installation / Warranty [one year<br>·        One Professional Services Module including Remote Project Management and One [1] Key | | | | | |

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| | | Operator Training Session [Product Code 5QPNE]<br><br>The amount of Professional Services and Applications required per site varies considerably. For additional DX-D 100 Applications Modules, add the appropriate quantity of DX-D 100 Application Services Product Code 5QPNE [one unit per additional day required<br><br>Wireless Detector and Grids purchased speparately. Options available:<br>DX-D 30 C Cassette Detector 60002701<br>DX-D 35C Cassette Detector 60002580<br><br>Grid DX-D 30, R 6:1, 132 l/inch, F 40-72"    5R54F<br>Grid DX-D 30, R 10:1, 132 l/inch, F 40-72"    5UNKX<br><br>Grid DX-D 35, R 6:1, 132 l/inch, F 40-72"     5VMYW<br>Grid DX-D 35, R 10:1, 132 l/inch, F 40-72"    5VVOE<br><br>**Hardware - HP** | | | | | |
| 3 | 1 | DX-D 30C Anti-Scatter Grid (14X17 6:1)<br>DX-D 30C  Anti-Scatter Grid for 14X17 Detector<br><br>Anti-Scatter Protect-A-Grid<br>Fits the following ISO 4090 size DR Panels (35 x 43cm or 14 x 17inches):<br><br>DX-D 30C Wireless DR Panels<br><br>Grid Ratio: 6:1<br>132 lines/inch<br>Focal length 40-72 inches<br><br><br>**Hardware - HP** | | | | | |
| 4 | 1 | DX-D 30 Handle Frame<br>DX-D 30 Handle Frame<br>**Hardware - HP** | | | | | |
| **PROFESSIONAL AND TECHNICAL SERVICES** | | | | | | | |
| 5 | 3 | DX-D 100 Application Module<br>DX-D 100 Application Module<br>On site Workflow Configuration and One [1] Key Operator Applications Training Session for the DX-D 100 Portable DR System.<br>Application support days are typically eight (8) hour sessions, scheduled between the hours of 8:00 AM and | | | | | |