

600-B20005

XR-R/F, VA Long Beach, CA

Qty	Part No.	Item Description
1	14428644	Lum. Agile w/ Ysio Opt. f. wi-D Fully digital undertable system for fluoroscopy with integrated, tableside system control on the image receptor, with user interface for ambidextrous operation. High-resolution dynamic flat detector 43 cm x 43 cm for fully digital image chain with network connectivity in DICOM standard: Send, Print and Storage Commitment. DICOM DVD / CD burner. Height-adjustable patient table, tiltable from vertical to 20° Trendelenburg position. Undertable X-ray tube assembly OPTITOP 150/40/80HC-100 with undertable multileaf collimator and 65kW HF X-ray generator. CAREvision for pulsed fluoroscopy. One (1) b/w 19" high-contrast flatscreen display for live image. CAREmax measuring chamber for acquisition of the dose-area product. Ceiling-mounted tube assembly support fully motorized in all projection-relevant axes with up to 220 cm transverse travel, for 2nd plane and detector acquisition system acquisitions, with a detector tray and wireless flat detector, including IONTOMAT three-field chamber. OPTITOP 150/40/80 X-ray tube assembly and multileaf collimator with full field and laser line light localizer.
1	14417239	wi-D (wireless detector) Mobile, wireless flat detector, with loading and receiving unit for the wireless detector.
1	14428633	Trendelenburg 50° Table tilt controllable in 2 steps from +90 degrees to max. 50 degrees Trendelenburg position.
1	14418476	System covers Cover for systems without compression device.
1	14417363	Upgrade to 80 kW PLF Upgrade of POLYDOROS generator to 80 kW.
1	04434028	DICOM WORKLIST & MPPS Import of patient/examination data from an external RIS/HIS patient management system with DICOM MWL (Modality Worklist) as well as feedback on the examination status with DICOM MPPS (Modality Performed Procedure Step).
1	04453838	DICOM QUERY RETRIEVE - C Retrieval of archived images (DICOM Query/Retrieve - Service as SCU) from a digital archive or a workstation. The images must have a DICOM XRF (X-Ray Radiofluoroscopy)/XA (X-Ray Angiography), CR (Computed Radiography), or SC (Secondary Capture) format, and must be generated by the FLUOROSPOT Compact.
1	04453846	CAREPROFILE - C Radiation free placement of collimator blades in the LIH.

Qty	Part No.	Item Description
1	04484106	Careposition C Radiation-free object positioning through graphic display of the X-ray center beam and the image edges in the LIH (Last Image Hold) for dose reduction.
1	14402070	Fluoroloop - C Storage and review of dynamic fluoroscopic sequences (Fluoro Loop) with all available frame rates. The fluoroscopic sequence can be stored subsequently, after fluoroscopy has been performed. The maximum storable fluoroscopy time depends on the selected pulse rate.
1	04484114	Security Package The SW option for fluoroscopy systems with FLUOROSPOT Compact, providing enhanced security features including user management and audit trail functionality. In compliance with HIPAA law in the U.S.
1	14428639	VA Kit Second documentation set for deliveries to the Veterans' Affairs Administration Hospitals in the U.S.
1	14417320	Standard keyboard English, US Standard keyboard.
1	14417233	External DVI interface Standard video output (DVI format) at the FLUOROSPOT Compact, for connecting an external recorder to record image information on video recording media.
1	14428636	DCS 1FT with 1 Display b/w Display suspension system with one monochrome 19" flat display with blue background color. Radiation indicator on DCS.
1	14417229	Clip-on grid for detector Optional clip-on grid: Grid with clips for attaching to the portable detector.
1	14409338	Transparent grid 15/80, F115 Highly selective anti-scatter grid for scattered radiation reduction: Pb 15/80 (slot ratio 15:1, 80 lines/cm). Grid focussing for SID 45 inches/115 cm.
1	14428628	Fully synch. ceiling-mtd. stand, 3m Tube assembly support with X-ray tube assembly and motorized multileaf collimator.
1	14407006	Caremax plus HS Integrated CAREmax measuring chamber for acquisition of the dose-area product.
1	14411248	Bucky Wall Unit for wi-D right Floor-mounted Bucky wall stand with height-adjustable detector Bucky for accommodating a mobile, wireless flat detector for digital acquisitions or for analog acquisitions with CR cassette. With IONTOMAT three-field chamber and Bucky frame. Detector Bucky operated from the right side.
1	14409338	Transparent grid 15/80, F115 Highly selective anti-scatter grid for scattered radiation reduction: Pb 15/80 (slot ratio 15:1, 80 lines/cm). Grid focussing for SID 45 inches/115 cm.
1	14409340	Transparent grid 15/80, F180 Highly selective anti-scatter grid for scattered radiation reduction: Pb 15/80 (slot ratio 15:1, 80 lines/cm). Grid focussing for SID 71 inches/180 cm.
1	14411087	Manual Control Bucky Wall Unit Wired handheld remote to control system functions.
1	14409345	Detector Holder, Mobile Trolley with detector holder for lateral acquisitions, independent of the patient positioning table.

Qty	Part No.	Item Description
1	04491234	Compression band Belt compression device with a radiolucent plastic belt.
1	08861002	Patient positioning mattress Soft radiolucent patient table pad for comfortable patient positioning and repositioning.
1	08860947	Knee Crutches (Stirrups), pair Leg supports for gynecological and urological examinations.
1	14417389	Customer documentation, English
1	AXD_INITIAL_24	Initial onsite training 24 hrs
1	AXD_ADD_12	Additional onsite training 12 hours
1	CID4948	Portable DR Panel Protector
1	PKP07300U00	EZ PIC Universal Package
1	PSAP02200KIT	Speech Audio Pack EZ PIC Kit
1	AXD_RIG_FLU	Standard Rigging Fluoro
1	ORO_GOV	One complimentary Biomedical tuition is included with the purchase of this system. This training must be completed before the end of the warranty period.
1	AXD_BIOMED_TRN	
1	AXD_MISC_MATERIAL	TWO SETS OF SERVICE AND OPERATORS MANUALS
1	AXD_ADJ_GOV_24	Offset onsite Training 24 hrs

Qty	Part No.	Item Description
1	14428634	Trendelenburg 90° Table tilt controllable in 2 steps from +90 degrees to max. 90 degrees Trendelenburg position. <i>This item has been quoted as a substitute for Part No. 14428633 - "Trendelenburg 50°" that has been included in the quotation.</i>

OPTIONS:

Qty	Part No.	Item Description
1	AXD_INITIAL_12	Initial onsite training 12 hrs
1	AXD_MISC_MATERIAL	Offset Initial Onsite Training 12hrs (\$3250)

Qty	Part No.	Item Description
1	14428649	Ortho applications package The Ortho Application Package consists of a SW license for the Ortho function that enables the following 2 orthopedic acquisition methods: Ability to acquire up to 4 consecutive images of the legs or spine at the Bucky wall stand with Luminos Agile. This function requires a Bucky wall stand, a ceiling support, and a wi-D. An acquisition of up to 4 images with Luminos Agile at the patient table. Using the Spine Composing or Ortho Leg Composing software application at the imaging system, these are composed automatically into an overall image.
1	14428648	Ortho accessory package The Ortho package comprises an Ortho support, a transparent grid Pb 15/80 (grid ratio 15:1, 80 lines/cm), and a wall holder. Grid focusing for 300 cm.
1	14417365	Riverain SoftView Server + License SoftView Enhanced Chest Imaging from Riverain Medical automatically suppresses the display of bone in digital chest X-rays. This facilitates generation of an enhanced soft tissue diagnostic image for more detailed and accurate detection of pulmonary nodules. Since SoftView utilizes the original radiography for post processing, the patient is not subjected to additional radiation and motion artifacts do not arise.

Luminos Agile

Part No. / Product	Description
14428644 Lum. Agile w/ Ysio Opt. f. wi-D	<p>System configuration Luminos Agile is a highly versatile undertable X-ray diagnostic system meeting all requirements with respect to use, image quality, connectivity and low-dose. The Luminos Agile features an ergonomic tableside user interface for ambidextrous use. and is specially designed to accommodate the growing population of obese and bariatric patients.</p> <p>Patient positioning Patient positioning table easily accessible from all sides, tiltable from +90° to max. 20° Trendelenburg position.</p> <ul style="list-style-type: none"> - Table height adjustable from 65 to 112 cm (min. fluoro height 82 cm) - Patient positioning tabletop 210 cm x 80 cm with examination range over the entire radiolucent part (193 cm x 53 cm). Motorized longitudinal travel ± 80 cm and transverse travel ± 17.5 cm. - Foot rest insertable at head or foot end, up to a load of 230 kg. - Comprehensive collision protection within the travel range of the image receptor. <p>Patient weight:</p> <ul style="list-style-type: none"> - Up to 182 kg (400 lbs) No limitation for tabletop movement longitudinal ±80 cm from center position, table tilt is permitted. - From 182.1 kg to 230 kg (400.1 lbs to 507 lbs): Longitudinal travel of tabletop limited to ±40 cm from center position, table tilt is permitted. - From 230.1 kg to 275 kg (507.1 lbs to 606 lbs): Tabletop movement and table tilt are not permitted. <p>Flat detector image receptor</p> <ul style="list-style-type: none"> - Distance focus - tabletop 60 cm. - SID from 89 cm to 125 cm. - Primary collimator with rectangular format. - Highly selective anti-scatter grid Pb 15/80, grid ratio 15:1, 80 lines/cm. Grid focusing for SID 100 cm. <p>Transparent grids improve the image quality by reducing scattered radiation on the film.</p> <p>Flat detector: The digital high-resolution dynamic flat detector with integrated removable grid is especially designed to fulfill the requirements of general and interventional applications.</p> <ul style="list-style-type: none"> - Semi-conductor material: Amorphous silicon (a-Si) with CsI-scintillator - Size 43 cm x 43 cm - Pixel size: 148 µm (6.76 pixel per mm) - Matrix size: 2,880 x 2,880 (8.3 million pixels) - Detail resolution: 3.4 LP/mm - Acquisition depth: 16 bits <p>148 µm pixel arrays provide highest spatial resolution and excellent contrast. Fluoroscopy as well as image acquisition are always done in 14-bit gray scale resolution, allowing excellent detail visibility. Acquisition frame rates of up to 8 f/s are possible.</p> <p>Usable input formats:</p> <ul style="list-style-type: none"> - Overview: 43 cm x 43 cm; diagonal 60 cm. - Zoom 1: 30 cm x 30 cm; diagonal 42 cm. - Zoom 2: 22 cm x 22 cm; diagonal 32 cm. - Zoom 3: 15.5 cm x 15.5 cm; diagonal 21 cm.

Part No. / Product	Description
<p>(Continued) 14428644 Lum. Agile w/ Ysio Opt. f. wi-D</p>	<p>operation Ergonomic tableside user interface on the system, comfortable for both left- and right-handed users. Integrated system operation and total tableside examination control.</p> <ul style="list-style-type: none"> - OPTI Grip for fast and easy movement of the flat detector image receptor and single-handed system operation. - Touch user interface for interactive control of all system functions. <p>Foot switch: The footswitch combination with two separate switch pedals provides ergonomic work support. During fluoroscopy-guided patient examinations, the user's hands remain free for the examination. Fluoroscopy is switched on and off by foot. During fluoroscopy, targeted radiographic acquisitions can be released by foot, as well.</p> <p>Accessories included in basic version</p> <ul style="list-style-type: none"> - Hand grip, front, axial adjustment. - Hand grip rail, back, axial adjustment. - Grip protection rail, head end, removable. - Shoulder supports (1 pair), three-dimensional adjustment. - Foot board, axial adjustment by 44 cm, can be used at head end or foot end. - Protective film for fluids - Radiation protection, complete - Counterweight for radiation protection <p>OPTITOP 150/40/80HC-100 undertable X-ray tube assembly Single track dual focus rotating anode tube with compound anode (rhenium-tungsten, molybdenum, graphite) with high heat storage capacity and high thermal load capacity for small focal spots.</p> <ul style="list-style-type: none"> - Nominal voltage 150 kV max. - Nominal power (focal spot nominal values acc. to IEC 336): 40 kW: small focus 0.6 80 kW: large focus 1.0 - Anode speed $\geq 8,500$ r/min, anode angle 12°. - Heat storage capacity of the anode 580 kJ (783 kHU) acc. to IEC 613. - Total filtration (IEC 601-1-3) 2.5 mm Al equi. <p>Multileaf collimator Undertable multileaf collimator with rectangular collimation for automatic format collimation. Motor-driven Cu prefilters.</p> <p>CAREmax Electronic unit with KermaX-Plus, a measurement chamber integrated into the collimator housing for acquisition and fluoro systems to record the dose area product and/or standardized patient entry dose.</p> <p>Detector tray Detector tray with automatic format selection ACSS (automatic cassette size sensing) for acquisitions with the fully-synchronized Ysio ceiling support as 2nd plane. It is positioned underneath the patient positioning tabletop and has a longitudinal travel range of 100 cm.</p> <p>The detector tray includes:</p> <ul style="list-style-type: none"> - A device for symmetric positioning of the flat detector. - IONTOMAT three-field chamber for automatic exposure control. - Table-detector distance ≤ 6.3 cm. <p>Automatic servo tracking of the tray (at the table level and for source-image distance). Automatic parking of the tray when selecting a fluoro organ program.</p> <p>Fully-synchronized Ysio X-ray tube support with X-ray tube assembly and motorized collimator.</p>

Part No. / Product	Description
<p>(Continued) 14428644 Lum. Agile w/ Ysio Opt. f. wi-D</p>	<p>All projection-relevant tube assembly positions can be manually adjusted with handles symmetrically mounted to the tube assembly collimator unit.</p> <p>The ceiling-mounted tube assembly support can be adjusted in 3 axes for longitudinal, transverse, and height adjustment (x, y, and z-axes).</p> <ul style="list-style-type: none"> - Horizontal travel range in longitudinal direction 346 cm. - Horizontal travel range in transverse direction 220 cm. - Vertical lift 180 cm. <p>In 2 further axes (α- and β-axes) the tube assembly collimator unit can be manually adjusted for oblique acquisitions of the recumbent patient, or for horizontal, oblique, or lateral acquisitions on the portable detector, or for free bedside acquisitions.</p> <ul style="list-style-type: none"> - Rotation around the vertical axis of the ceiling-mounted support from +154° to -182°. Lock-in positions every 90°. - Rotation around the horizontal axis of the tube assembly support arm $\pm 140^\circ$. Lock-in positions at 0° and $\pm 90^\circ$. <p>X-ray tube assembly OPTITOP 150/40/80 HC-100: Single-track dual-focus rotating anode tube with compound anode (rhenium-tungsten, molybdenum, graphite), with high heat storage capacity and high load capacity for small focal spots. Integrated overpressure safety device in the tube protective housing.</p> <ul style="list-style-type: none"> - 150 kV nominal voltage acc. to IEC 613. - Nominal power (focal spot nominal values acc. to IEC 336): 40 kW: small focus 0.6 80 kW: large focus 1.0 - Anode speed $\geq 8,500$ r/min, anode angle 12°. - Heat storage capacity of the anode 580 kJ (783 kHU) acc. to IEC 613. - Total filtration (IEC 601-1-3) ≥ 2.5 mm Al equiv. <p>Multileaf collimator: With full field and laser line light localizer. Rectangular collimation, manual and motorized, via organ programs.</p> <ul style="list-style-type: none"> - Multileaf collimator rotatable by $\pm 45^\circ$ around the center beam axis, e.g. for correct positioning of objects. - A tape measure is integrated to check the focus-to-object distance. - To improve radiation quality through dose reduction of the soft radiation parts, Cu filters (0.1Cu; 0.2 CU and 0.3 Cu) are inserted into the primary beam projection, depending on the organ program selected. They can also be selected manually. <p>Option: A measuring chamber for the dose area product can be integrated into the multileaf collimator.</p> <p>Controls and displays The control elements at the tube assembly and the multileaf collimator are ergonomically arranged for single-handed operation.</p> <p>Controls and displays at the tube assembly support (MaxTouch): Multifunctional control display with color touchscreen for adaptation of acquisition parameters directly in the examination room. Displays include:</p> <ul style="list-style-type: none"> - The collimation size of the acquisition field (in cm x cm). - The selected SID. - The selected Cu additional filters. - Rotation from the 0-position. - Tube assembly and detector centering. - Operating states such as "ACSS/Manual", "Ready", "Selected", etc. <p>The display follows the tube assembly orientation.</p> <p>The following functions can be set manually at the multileaf collimator:</p> <ul style="list-style-type: none"> - Full field light localizer with timer for optical display of the collimated acquisition format and an optionally

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<p>(Continued) 14428644 Lum. Agile w/ Ysio Opt. f. wi-D</p>	<p>coverable laser line light localizer.</p> <ul style="list-style-type: none"> - The collimation of the acquisition format set last can be retrieved via a memory button. - The rectangular collimation of the radiation field is pre-defined through the organ program and can be set manually by means of two dials. - The motorized insertion of the Cu additional filters is controlled via the organ program, but can also be selected freely. <p>19" Flat display High-contrast b/w TFT flat-screen display for live image display in the control room. With blue background color and black frame.</p> <ul style="list-style-type: none"> - Flicker-free and distortion-free image display. - Screen size: 19" (48 cm). - Resolution: 1280 x 1024 (pixels). - Typical brightness: 400 cd/m². - Maximum brightness: 1000 cd/m². - Ambient light sensor for optimum adaptation of the image display to the room brightness. <p>Imaging system High-resolution digital imaging system with innovative image display, DICOM network connection and syngo-like user interface. It was optimized for general fluoro and multi-functional workplaces.</p> <p>With the FLUOROSPOT Compact both single acquisitions and series from 0.5 to 8 images per second in 1440² matrix can be made and reviewed dynamically. The digital acquisition process produces continuously high-quality images for all fluoroscopy-guided contrast medium examinations, skeletal acquisitions and interventional procedures.</p> <p>Operating modes:</p> <ul style="list-style-type: none"> - Digital radiography (DR) with up to 2,880²/12-bit matrix. - CAREvision: Pulsed fluoroscopy with selectable pulse frequencies 3 f/s, 7.5 f/s, 10 f/s, or 15 f/s in 1024²/12-bit matrix. - High-speed fluoro at 30 f/s in Zoom 2 (22 cm x 22 cm) Pulsed fluoroscopy is especially suitable for time-intensive examinations to reduce the radiation dose for physician, staff, and patient. - Display and storage of the last fluoroscopic image after switching off radiation (Last Image Hold). - Single image and serial mode up to 1,440²/12-bit or 1,024²/12-bit matrix (depending on zoom). - Serial mode (max. 8 f/s) with variable frame rate in three steps (max. 1,440²/12-bit matrix). - DDO (Dynamic Density Optimization) for on-line harmonization of native series and single images. - Live auto-windowing during fluoroscopy - Live auto-shutter during fluoroscopy <p>Image processing:</p> <ul style="list-style-type: none"> - Real-time edge enhancement, positive/negative image display, windowing, contrast/brightness, electronic display (shutter), image shift (roaming), vertical and horizontal image inversion, magnifying glass and zoom functions. - DiamondView Plus: multi-scaling procedure for image post-processing with high detail contrast and reduced noise. Filter size and strength are weighted differently and are used for adaptation to the overall image content. DiamondView Plus enhances the signal exploitation of the dynamic range and improves the organ-specific detail contrast (soft tissue and bone). Can be preset in the organ program, and can subsequently be selected or deselected. - Storing of single images as reference images also during fluoroscopy. - Quantification: angle/length measurement, automatic and/or manual calibration. - Text functions: User-defined image annotation, free annotation or using text components, comment line for the image, R/L display, image report and image quality graphics. - Image gallery for harmonization (visualization support for image post-processing) <p>Image display: Image review and display in 100 Hz progressive display (1,024² matrix) through high-resolution, flicker-free flat-</p>

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<p>(Continued) 14428644 Lum. Agile w/ Ysio Opt. f. wi-D</p>	<p>screen displays.</p> <ul style="list-style-type: none"> - Screen layout with 4, 9, 16, 25, or 36 images of an examination. - Display of R/L marks. <p>Image storage capacity: 50,000 images for permanent storage in 1k/12-bit matrix and 2,000 images for permanent storage in 2840 x 2880 matrix.</p> <p>DVD / CD burner (DICOM) DVD drive for automatic digital image storage on CD/DVD for offline data exchange in DICOM, TIFF, and AVI format.</p> <p>Connectivity</p> <ul style="list-style-type: none"> - DICOM Send: Digital, unidirectional image transfer of single images or complete folders to a network in DICOM format. - DICOM Print: Provision of DICOM Print service for connection to a laser camera or a network printer (postscript-capable). - DICOM Storage Commitment (StC): The network/archive sends a receipt acknowledgment for images/folders to the image system in DICOM format. <p>Note concerning DICOM interface(s) For diagnostic purposes, only hardcopy cameras/laser printers explicitly approved for this system may be used.</p> <p>The description in the "DICOM Conformance Statement" downloadable from the Internet is exclusively binding for the functionality of the DICOM interface(s).</p> <p>Functionalities across system borders with/between partner systems require explicit validation, since the interpretation of the interface by the partner/target system is not part of the product's responsibility.</p> <p>A modification of the interface that might be required is not included in the offer; e.g. for the rare case, that available configurations are not sufficient. With regard to expenses for interface configurations that might be required, the agreements on maintenance/service of the product apply.</p> <p>syngo Remote Assist syngo Remote Assist is a standalone service option. With syngo Remote Assist, Siemens uses a secure broadband VPN connection (VPN = virtual private network) to establish a connection to your Siemens imaging console in order to offer you direct, real-time support and training. This seamless and simultaneous virtual interaction will contribute to improvements in image quality and optimization of system use.</p> <p>Siemens Remote Service System Management software package to support Siemens Remote Service (SRS) with the following functions:</p> <ul style="list-style-type: none"> - Basic package Siemens Remote Service for Diagnostics and Repair, Quality Assurance and Software Maintenance. - System remote configuration, e.g. adding of a DICOM node. - Early warning system to secure system operation. - The functions are made available in accordance with the maintenance contract package. <p>Prerequisite for the early warning system is a permanent connection to the system via LAN and router. It is the project manager's task to make this available on-site.</p> <p>Power connection for the entire X-ray system Basic version: 3/N/PE ~400 V (±10%) for 50/60 Hz line frequency. Option: 3/N/PE ~440/480 V (±10%) at 50/60 Hz via line adaptation transformer.</p> <p>Customer Care. Life - the customer care solution by Siemens Healthcare From the moment you purchase your Siemens system you will benefit from many services that are offered by Customer Care. Life* offers, e.g.:</p> <ul style="list-style-type: none"> - initial application training, - interactive e-learning for various applications,

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(Continued) 14428644 Lum. Agile w/ Ysio Opt. f. wi-D	<ul style="list-style-type: none"> - free customer magazines, - arrangements for clinical training via a global network, - and free trial licenses <p>You will find detailed information on our e-learning program and further details on general Customer Care. Life services on the internet.</p> <p>* Not all services of the Customer Care. Life offerings are necessarily available for all systems.</p> <p>Components for basic configuration are described in the following.</p>
14417239 wi-D (wireless detector)	<p>Mobile, wireless flat detector (wi-D) for image acquisition, 3543pR, CsI scintillator, amorphous silicon (a-Si).</p> <ul style="list-style-type: none"> - Detector acquisition matrix approx. 3,000 x 2.364 (7 million pixels). - Pixel size 144 µm - Acquisition depth (gray scales) 16 bit. - Acquisition formats up to 34.0 cm x 43.2 cm (13.4" x 17"). - Data transmission via W-LAN or backup cable. - Wireless use for approx. 2 hours. - Detector weight 4.8 kg - Max. load 135 kg (patient lying down) and 100 kg (patient standing). <p>Loading and receiving unit for the wireless detector connected to PACS via the imaging system.</p>
14417363 Upgrade to 80 kW PLF	<p>Increased performance to extend the range of application:</p> <ul style="list-style-type: none"> - 80 kW at 100 kV (IEC 60601-2-7), 1,000 mA at 79 kV. - Fluoroscopy, 450 W from 40 kV/0.2 mA to 110 kV/23 mA, pulsed fluoroscopy
04434028 DICOM WORKLIST & MPPS	<p>DICOM MWL (Modality Worklist): Import of patient/examination data from an external RIS/HIS patient management system.</p> <p>DICOM MPPS (Modality Performed Procedure Step): Sending of dose data, patient data, and examination data to an external RIS/HIS patient management system.</p> <p>Note concerning DICOM interface(s) The description in the "DICOM Conformance Statement" downloadable from the Internet is exclusively binding for the functionality of the DICOM interface(s).</p> <p>Functionalities across system borders with/between partner systems require explicit validation, since the interpretation of the interface by the partner/target system is not part of the product's responsibility.</p> <p>A modification of the interface that might be required is not included in the offer; e.g. for the rare case, that available configurations are not sufficient.</p> <p>With regard to expenses for interface configurations that might be required, the agreements on maintenance/service of the product apply.</p>
04453838 DICOM QUERY RETRIEVE - C	<p>Note concerning DICOM interface(s) The description in the "DICOM Conformance Statement" downloadable from the Internet is exclusively binding for the functionality of the DICOM interface(s).</p> <p>Functionalities across system borders with/between partner systems require explicit validation, since the interpretation of the interface by the partner/target system is not part of the product's responsibility.</p> <p>A modification of the interface that might be required is not included in the offer; e.g. for the rare case, that available configurations are not sufficient.</p> <p>With regard to expenses for interface configurations that might be required, the agreements on maintenance/service of the product apply.</p>

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04453846 CAREPROFILE - C	Radiation-free positioning of primary collimators in the LIH on the monitor. Especially suitable for dose-saving examinations.
04484106 Careposition C	With CAREposition it is possible to position an object without radiation under visual control. In case of table movement, the current radiation field position and the center beam position are superimposed on the LIH as orientation points.
04484114 Security Package	SW license for systems with FLUOROSPOT Compact to support enhanced user management, including: <ul style="list-style-type: none"> - user authentication to prohibit unauthorized access. - privileges to define user/role based functionality. - permissions to control data access. - audit trails to log system and data access.
14428636 DCS 1FT with 1 Display b/w	Ceiling-mounted, swiveling rotatable and height-adjustable display suspension system with longitudinal travel and one (1) 19" high-contrast b/w display for live image display in the examination room. Monochrome TFT technology with high luminance and extended viewing angle. <ul style="list-style-type: none"> - Screen size 19" (48 cm). - Resolution: 1280 x 1024 (pixels). - Maximum brightness (typ.): 1000 cd/m². - Flicker-free and distortion-free image display. - Ambient light sensor for optimum adaptation of the image display to the room brightness.
14417229 Clip-on grid for detector	Highly selective anti-scatter grid for scattered radiation reduction: <ul style="list-style-type: none"> - Pb 5/31 (grid ratio 5:1, 31 lines/cm). - Grid focussing for SID 115 cm.
14428628 Fully synch. ceiling- mtd. stand, 3m	Tube assembly support with X-ray tube assembly and motorized collimator. All projection-relevant tube assembly positions can be adjusted with handles symmetrically mounted to the tube assembly collimator unit. The ceiling-mounted tube assembly support can be adjusted in 3 axes for longitudinal, transverse, and height adjustment (x, y, and z-axes). <ul style="list-style-type: none"> - Horizontal travel range in longitudinal direction 346 cm. - Horizontal travel range in transverse direction 220 cm. - Vertical lift 180 cm. In 2 further axes (α - and β -axes) the tube assembly collimator unit can be manually adjusted for oblique acquisitions of the recumbent patient, or for horizontal, oblique, or lateral acquisitions on the portable detector/cassette, or for free bedside acquisitions. <ul style="list-style-type: none"> - Rotation around the vertical axis of the ceiling-mounted support from +154° to -182°. Lock-in positions every 90°. - Rotation around the horizontal axis of the tube assembly support arm $\pm 140^\circ$. Lock-in positions at 0° and $\pm 90^\circ$. X-ray tube assembly OPTITOP 150/40/80 HC-100: Single-track dual-focus rotating anode tube with compound anode (rhenium-tungsten, molybdenum, graphite), with high heat storage capacity and high load capacity for small focal spots. Integrated overpressure safety device in the tube protective housing. <ul style="list-style-type: none"> - 150 kV nominal voltage acc. to IEC 613. - Nominal power (focal spot nominal values acc. to IEC 336): 40 kW: small focus 0.6 80 kW: large focus 1.0 - Anode speed $\geq 8,500$ r/min, anode angle 12°.

Part No. / Product	Description
<p><i>(Continued)</i> 14428628 Fully synch. ceiling-mtd. stand, 3m</p>	<ul style="list-style-type: none"> - Heat storage capacity of the anode 580 kJ (783 kWh) acc. to IEC 613. - Total filtration (IEC 601-1-3) ≥ 2.5 mm Al equiv. <p>Multileaf collimator: With full field and laser line light localizer. Rectangular collimation, manual and motorized, via organ programs.</p> <ul style="list-style-type: none"> - Multileaf collimator rotatable by $\pm 45^\circ$ around the center beam axis, e.g. for correct positioning of objects. - A tape measure is integrated to check the focus-to-object distance. - To improve radiation quality through dose reduction of the soft radiation parts, Cu filters (0.1Cu; 0.2 CU and 0.3 Cu) are inserted into the primary beam projection, depending on the organ program selected. They can also be selected manually. <p>Option: A measuring chamber for the dose area product can be integrated into the multileaf collimator.</p>
<p>14407006 Caremax plus HS Integrated</p>	<p>Electronics unit with KermaX-Plus, a measurement chamber integrated into the collimator housing for acquisition and fluoro systems with POLYDOROS generator for acquisition of dose-area product and/or standardized patient entry dose. Display of the measured dose-area product and the calculated patient entry dose (CAREwatch) on the flat-screen display, with CAREmax.</p>
<p>14411248 Bucky Wall Unit for wi-D right</p>	<p>System configuration The Bucky wall stand is a floor-mounted, stand-alone, or wall-mountable grid acquisition system with a height-adjustable detector Bucky with Bucky support for the accommodation of a mobile, wireless flat detector 3543pR as digital image acquisition system or for analog acquisitions with CR cassette.</p> <p>It is especially suited for acquisitions of skeletal radiography of the standing and seated patient:</p> <ul style="list-style-type: none"> - Orthopedic diagnostics. - Thorax and general diagnostics. - Trauma and ER diagnostics. <p>With this Bucky wall stand more profound diagnostic requirements for acquisitions of thorax (lungs), abdomen, pelvis, spine, skull and extremities are met.</p> <p>The basic configuration consists of a radiography system with a vertically positioned detector Bucky for horizontal, oblique, or lateral patient acquisitions. The additional tilting range* of the detector Bucky extends the diagnostically relevant acquisition projections.</p> <ul style="list-style-type: none"> - Vertical height adjustment of the counter-balanced, easily movable detector Bucky from detector center approx. 26 cm to 173 cm above floor: - Tilting range between 0° and $+90^\circ$, and up to -20° continuously around the horizontal axis; lock-in position at 0°. - In combination with a ceiling-mounted support, tracking between it and Bucky wall stand. <p>Detector Bucky The detector Bucky with single-handed operation includes a IONTOMAT three-field chamber for automatic exposure control (incl. three-field templates) and a device for symmetric positioning of the flat detector.</p> <ul style="list-style-type: none"> - Front plate – detector distance ≤ 37 mm. - Radiation absorption of the front plate ≤ 0.55 mm Al. - A stationary, exchangeable transparent grid for scattered radiation reduction; Pb 15/80. Optionally for SID 115 cm and/or 150 cm and/or 180 cm (see tender further down). <p>Removable grid: The grid can easily be removed, saving the user time in examinations not requiring a grid. For example in pediatrics, where dose reduction is especially important.</p> <p>Accessories Scope of delivery:</p> <ul style="list-style-type: none"> - Lateral patient handles for optimum patient positioning, e.g. during PA thorax exposures. - Patient overhead handle, swiveling around the horizontal axis, for optimal patient positioning for lateral

Part No. / Product	Description
(Continued) 14411248 Bucky Wall Unit for wi-D right	acquisitions. *) Only in conjunction with ceiling-mounted support; no tilting when combined with basic X-ray tube.
14411087 Manual Control Bucky Wall Unit	Wired control unit at Bucky wall unit with the following functions: <ul style="list-style-type: none"> - On/off tube tracking - On/off light localizer - Tube parking* - Tuber centering* - Autopositioning of tube* * Full function only in combination with fully automatic ceiling support
14409345 Detector Holder, Mobile	This mobile and height-adjustable holder is designed for use with a mobile, digital flat detector (with or without grid). Alternatively, it can be used for fixating cassettes with film-transparency systems or storage phosphor screens. This mobile holder can be positioned freely in the room or at the patient or positioning table; acquisitions with vertical, horizontal, and oblique beam projections can be made. <ul style="list-style-type: none"> - Clamping size of the holder for detectors 53.5 cm wide and up to 3.3 cm thick. - Clamping size for cassette formats between 24 cm and 55 cm wide. - Height adjustment from the lower edge of the detector holder up to 2 cm to 120 cm above the floor. - Height adjustment counterbalanced at a total weight of approx. 6.7 kg.
04491234 Compression band	Compression is achieved through an easy-to-clean, radiolucent plastic belt by means of a tensioning device with locking. Advantages of compression: <ul style="list-style-type: none"> - Fast and secure fixation of patient to the tabletop. - Reduction of patient thickness, i.e. improvement of image quality through reduction of scattered radiation.
08861002 Patient positioning mattress	The radiolucent table pad matches the size of the tabletop and has a heavy-duty soft plastic cover that is easy to clean. The soft cushion allows comfortable patient positioning and repositioning. To prevent the pad from sliding during head-up positions, the straps of patient table pad can be attached to the handrail at the head end.
08860947 Knee Crutches (Stirrups), pair	Leg supports are required for gynecological and urological examinations. They can be adjusted in height and for leg positioning, the leg supports are anatomically designed. The leg support is attached with a clamping device and clamping bolts.
AXD_INITIAL_24 Initial onsite training 24 hrs	Up to 24 hours of on-site clinical education training, scheduled consecutively (Monday – Friday) during standard business hours for a maximum of (4) imaging professionals. Training will cover agenda items on the ASRT approved checklist. Uptime Clinical Education phone support is provided during the warranty period for specified posted hours. This educational offering must be completed (12) months from install end date. If training is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund.
AXD_ADD_12 Additional onsite training 12 hours	Up to (12) hours of on-site clinical education training, scheduled consecutively (Monday – Friday) during standard business hours for a maximum of (4) imaging professionals. Training will cover agenda items on the ASRT approved checklist if applicable. This educational offering must be completed (12) months from install end date. If training is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund.
CID4948 Portable DR Panel Protector	The unique design of the DR Panel Protector provides an easy way to take weight-bearing x-rays of feet (AP view). The unit is simply placed over the DR panel which is first positioned on the floor. Patients step onto the DR Panel Protector with as much weight as needed to get the desired image. The face plate is made of polycarbonate designed to support patients weighing up to 500 pounds . The face plate is x-ray lucent, allowing the x-rays to pass through the DR Panel Protector with no significant absorption or scattering. The non-slip rubber floor grips

Part No. / Product	Description
(Continued) CID4948 Portable DR Panel Protector	keep the DR Panel Protector from slipping on a hard floor. The Panel Protector frame is notched to accommodate the cable connection from the digital DR panel to the host system. One year warranty through Clear Image Devices.
PKP07300U00 EZ PIC Universal Package	<p>EZ PIC is a video acquisition workstation that enables digital recording to a hard drive on the workstation for review, editing and exporting to portable media and storage systems, including PACS. The EZ PIC provides audio recording capabilities and audio playback functionality. The EZ PIC is on a PC platform and includes a keyboard, mouse, and an LCD display with built in speakers. Perkins Electronics provides the EZ PIC Package system in a complete installation and product package that is designed to be integrated to the R/F system providing recording control to the R/F system footswitch providing a seamless integration to the R/F modality.</p> <p>Package includes: 1 PAK-07300-U00 EZ PIC System EZ PIC Processor 20" LCD Keyboard & Mouse EZ PIC Scan Converter Installation Kit</p> <p>Includes applicable video power cables Includes 1 year service agreement from Perkins Electronics.</p> <p>Onsite Installation and Training provided by Perkins Includes 3 days (2 1/2 day travel times, 2 days onsite) 1 day installation and configuration of EZ PIC system 1 day of applications training</p>
AXD_INITIAL_12 Initial onsite training 12 hrs (Optional)	Up to (12) hours of on-site clinical education training, scheduled consecutively (Monday – Friday) during standard business hours for a maximum of (4) imaging professionals. Training will cover agenda items on the ASRT approved checklist. Uptime Clinical Education phone support is provided during the warranty period for specified posted hours. This educational offering must be completed (12) months from install end date. If training is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund.
14428649 Ortho applications package (Optional)	<p>SW license for Ortho function Ability to acquire up to 4 consecutive images of the legs or spine at the Bucky wall stand, and the ability to acquire up to 3 images at the Ysio and up to 4 with Luminos Agile at the patient table. The Spine Composing or Ortho Leg Composing software applications on the imaging system assemble these automatically into a single image.</p> <p>Acquisitions made at the Bucky wall stand should use a source-image distance (SID) of 300 cm. If 300 cm is not possible, the source-image distance (SID) can be reduced, to as little as 180 cm.</p> <p>Acquisitions at the patient table should use a source-image distance (SID) of 150 cm. If 150 cm is not possible, reduce the source-image distance (SID) to 115 cm.</p> <p>The Ortho package (ortho support and grid Pb 15/80, 300 cm grid focusing) has to be ordered separately.</p> <p>The use of an 80kW generator is recommended for acquisitions of the lateral spine.</p> <p>Spine Composing Spine Composing takes individually acquired digital radiographic images of the spine and composes them into an overall image.</p> <p>The main functions are:</p> <ul style="list-style-type: none"> - automatic composing of digital radiographies into an overall image. - standard image post-processing functions are available. <p>Ortho-Leg Composing Ortho-Leg Composing takes individually acquired digital radiographic images of the legs and composes them into an overall image.</p>

Part No. / Product	Description
(Continued) 14428649 Ortho applications package (Optional)	The main functions are: <ul style="list-style-type: none">- automatic composing of digital radiographies into an overall image.- standard image post-processing functions are available.