

**DISTR CTR**  
**V.A. Medical Center**  
**BLDG 46**  
**1501 SAN PEDRO SE**  
**ALBUQUERQUE, NM 87108**  
**po#: 501-B40038**

**Trade i n : Hydra Vision DR**  
**Manufacturer Covidien, Inc.,**  
**Model #: HPDRHSFP**  
**S e r i a l #:CI0311H543, EE #:62171,**  
**Location: 3C105-41**  
**A c q u i s i t i o n Year: 2011**

Qty	Item Description
1	<b>Uroskop Omnia Max; Right</b> Uroskop Omnia Max is a high-end fluoroscopy and radiography system for urological diagnosis and therapy. The system has a 43 cm x 43 cm dynamic flat detector, enabling survey images of the entire urinary tract. The unique system design with curved tube column and two TFT color monitors on a swiveling articulated spring arm enables unrestricted patient access from all four sides of the table. The optional HD Video manager offers numerous interfaces for simultaneous display of endoscopy and ultrasound images for example with radiography and fluoroscopy images, as well as video transmission, e.g., of live radiography images to external video urodynamic workplaces
1	<b>Cable storage item</b> Cable storage compartment for accommodating surplus cable lengths. The cable storage compartment is fitted to the side of the generator cabinet.
1	<b>Polydoros F 80 kW upgrade</b> Upgrade for enhanced exposure output for generator POLYDOROS F65 to 80 kW at 100 kV (acc. to IEC 60601-2-7)
1	<b>Endoscopy shelf, right</b>
1	<b>HD VideoManager</b> Interface for displaying external video signals (e.g. endoscopy and ultrasound) on the right-hand TFT color display on the unit. Supports HD (high definition) endoscopy. Features connections for DVI-I (2x), RGB, YPrPb, Y, S-Video (2x), Composite, SD/HD-SDI (2x), VGA; offers 150 preprogrammed timings and supports PAL and NTSC up to 1080p (1920 x 1080, 50/60Hz, interlaced / progressive).
1	<b>Video Manager Urodynamic</b> Additional output on the VideoManager with the X-ray live signal in DVI-I format. E.g. for video urodynamics or for connecting an additional external monitor
1	<b>Monitor reference/endo/ultrasound</b> Additional 19" TFT color monitor in the control room for displaying X ray reference images or external video sources (e.g. endoscopy or ultrasound) connected via VideoManager. Resolution 1280 x 1024 pixels Luminance 280 cd/m² (typ.)
1	<b>HD EndoStore</b> A video signal connected via VideoManager (e. g. endoscopy or ultrasound) is saved as an

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	image in DICOM format and stored in the same patient record together with all patient images acquired. Images of all modalities can be transferred to a PACS as a packet. Supports HD (high definition) endoscopy.
1	<b>19" TFT color monitor</b> 19" TFT color monitor for the user interface of the imaging system and display of the X-ray live image in the control room. Resolution 1280 x 1024 pixels Luminance 280 cd/m <sup>2</sup> (typ.)
1	<b>Handheld control</b> Additional hand-held control for the control room for remote control of the system. All table movements, travel and park position of the X-ray system, park position of the scattered radiation grid, zoom levels, collimator setting. Individually configurable patient transfer and standard working position. Memory functions for table positions and collimator setting. Storage of fluoroscopy images, navigation in the patient image and reference folder and image reversal. Switch between reference / endoscopy and ultrasound modes. Change of organ program. Automatic fluoroscopy control. The hand-held control attaches magnetically to the control panel in the control room.
1	<b>Keyboard; US</b> Standard keyboard
1	<b>CAREMAX</b> Measuring chamber integrated into the collimator housing for measuring the dose area product. The measured values for the dose area product, the accumulated skin entrance dose of the patient (calculated for 30 cm distance from the table, in mGy or as percentage of the configurable limit value) and/or the incident dose rate during fluoroscopy are displayed on the live image monitors.
1	<b>CAREPROFILE</b>
1	<b>CAREPOSITION</b> Radiation-free positioning of the object by graphical display of the central X-ray beam and image edges in the LIH image on the image monitor as orientation points.
1	<b>Fluoroloop</b>
1	<b>Harmonization</b>
1	<b>Dicom Query/Retrieve</b> Retrieving archived images
1	<b>Dicom Worklist/MPPS</b>
1	<b>Dicom Print</b>
1	<b>VA Kit</b> Second set of documentation for Veterans' Affairs Administration Hospitals in the U.S.
1	<b>Multifunctional footswitch Advanced</b> Ergonomic footswitch for controlling table lift, table tilt, table longitudinal and transverse movement, rocker switch for longitudinal movement of the X-ray system, switch between X-ray/endoscopy/ ultrasound image, storage of endoscopic image snapshot, last fluoroscopic image (LIH), and rocker switch for fluoroscopy/radiography
2	<b>Holder for plastic drain bag</b>
1	<b>IPV6 NAT Router</b> This router enables data transmission via IPV6 network.

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1	<p><b>Radiation protection, removable</b></p> <p>To protect the upper body against scattered radiation in the operator's environment. The radiation protection shield consists of two elements and can be inserted into the accessory rails of the primary collimator for exposures and fluoroscopy-guided examinations. They are made of two-ply segmented lead-rubber panels (Pb 0.5) and are covered in easy-to-clean plastic. Can be used within an examination unit tilt range of +/- 10°.</p> <p>Weight: 5.0 kg (11 lbs)</p>
1	<p><b>Initial onsite trng 32 hrs - FMV</b></p> <p>Up to (32) hours of on-site clinical education training, scheduled consecutively 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.</p>
1	<p><b>Follow-up Training 16 hours</b></p> <p>Up to (16) hours of follow-up on-site clinical education training, scheduled consecutively (Monday - Friday) during standard business hours for a maximum of (4) imaging professionals. 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.</p>
1	<b>SPU Standard Rigging &amp; Installation</b>
1	<b>SPU Rigg &amp; Inst Offset - Gov't only</b>
1	<b>Amatech Leg Holder</b>
2	<b>Amatech blade clamp-Urooskop (qty 1)</b>
1	<b>Armboard with trigger adjustment</b>
1	<b>1 in armboard pad</b>
1	<b>Cable tubing 3 1/2# RD w/Velcro</b>
2	<p><b>Urology collection Bag (Box of 10)</b></p> <p>Designed to collect waste fluid when a floor drain or suction is not available. Internal baffle system enables the container to fill evenly as powder converts liquid to gel. Built in handles allow the unit to be easily carried to disposal. 5-gallon capacity. Compatible with urology drain bags (Part # CF507505)</p>
2	<p><b>CF Urology drain bag (20)</b></p> <p>Urology Drain bag designed specifically for the Siemens Urooskop Access. Made of Durable Vinyl, this drain bag utilizes an under-buttocks flap to direct fluids into the bag. Sterile, individually pouched. (case of 20)</p>
1	<b>FootswitchCover f.Uro.Access24x20in Q100</b>

**Qty****Item Description**

1

**Eaton 5P 850G Tower UPS**

850VA / 600W

Input: IEC C14

Output: (6) IEC C13

Dimensions (H x W x D): 9.1" x 5.9" x 13.6"

Weight: 23.0 lbs.

Run Time @ Full Load: 4 min.

Run Time @ Half Load: 14 min.

This product is not OSHPD certified.

Includes two year limited warranty with depot exchange through Eaton.

One complimentary biomedical tuition is included with the purchase of this system. This training must be completed before the end of the warranty period.

This educational offering must be completed by the later of (12) months from purchase of training or if applicable, completion of installation. If training is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund.

**OPTIONS**

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XP1XPESBAS - Service Essentials for AX/XP Basic Level - (5 days) -

XP1XPESADV - Service Essentials for AX/XP Advanced Level - (10 days) at

# Detailed Technical Specifications

## Description

### Patient table

- Right-hand version of the basic unit
- Height-adjustable table, tiltable (+/-90°), cantilever
- The table supports a patient weight of up to 272 kg
- The system is protected against seepage of liquids
- Imaging system that can travel longitudinally (with recumbent patient)
- Longitudinal and transverse travelling tabletop
- Lateral profile rails for attaching urological accessories
- Motorized movement to park position of X-ray tube, which has an integrated patient handle
- Extremely low, fixed patient seat height for urological examinations
- Fast and easily removable, lightweight tabletop extension for the horizontal positioning of the patient's legs.
- Two 48 cm (19 inch) high-contrast TFT color displays

### Workflow support

- Symmetrical patient access from all sides of the table for urologists and nurses
- Unrestricted view in every examination position thanks to the ergonomic swivel arm with freely positionable TFT color monitors
- Fixed position for the anesthesiologist in the room, at the head end of the tabletop, thanks to the symmetrical patient access
- Low table height enables easy and ergonomic patient repositioning
- Change from ideal patient repositioning spot to your preferred work position with a press of a button
- Motorized, removable grid

### The system is particularly suited for:

- Transurethral procedures (e.g. ureterorenoscopy (URS), double J stent placement, cystoscopy, transurethral resection of bladder tumors (TURB), transurethral resection of the prostate (TURP))
- Percutaneous urological procedures (e.g. percutaneous nephrostomy (PCN), percutaneous nephrolitholapaxy (PCNL))
- Diagnostic urological procedures (e.g. survey imaging of the kidney, ureter, and bladder (KUB), intravenous pyelogram (IVP), retrograde pyelography)
- Video urodynamic procedures, micturating cystourethrogram (MCU)
- Laparoscopic procedures
- Urological pediatric procedures
- Non-urological procedures: e.g. ERCP (endoscopic retrograde cholangiopancreatography)

### Flat panel detector

- Dynamic 43 cm x 43 cm (17 x 17 inch) flat detector with large field of view
- Pixel size: 148 µm
- Physical size of matrix: 2880 x 2880 (8.3 million pixels)
- Size of active matrix: 2840 x 2874 (8.2 million pixels)
- Detail resolution: 3.4 LP/mm
- Acquisition depth: 16 bits

### X-ray generator POLYDOROS F

- High-frequency multipulse X-ray generator.
- Operation by means of organ programs integrated in the digital imaging system
- Automatic X-ray control system for fully automatic calculation and optimization of exposure data based on

## Description

fluoroscopy values

- Nominal power: 65 kW at 100 kV in accordance with DIN 6822, 800 mA at 81 kV
- Prepared for enhancement to 80 kW nominal power

### FLUOROSPOT Compact digital imaging system

- High-resolution digital imaging system with innovative image display, DICOM network functionality, and syngo-like user interface.
- Multifunctional workplaces for the acquisition and post-processing of fluoroscopy and radiography images
- Support for urology workflows: patient registration, image acquisition, image postprocessing, and documentation
- Image processing: Real-time edge enhancement, positive/negative image display, windowing, brightness/contrast, electronic collimation, vertical and horizontal image flip, magnifying lens and zoom function, free text annotations.

**CARE-Program**, Combined Applications to Reduce Exposure (CARE), a Siemens initiative for dose saving

- CAREMATIC: Automatic X-ray control system for fully automatic calculation and optimization of exposure data based on fluoroscopic data
- CAREFILTER: Three-stage adaptive CU prefiltering to reduce patient dose
- CAREVISION: Pulsed fluoroscopy with selectable pulse frequencies
- Additional optional CARE functionalities

### DICOM functionality

- DICOM Send: Network interface in DICOM 3 standard for DICOM 3-compatible image transfer
- DICOM StC: Archiving acknowledgement from the image archive (StC = Storage Commitment)
- Additional optional DICOM functionalities

### Accessories included

- Lightweight tabletop extension, 95 cm
- Standard mattress set head wedge
- Elbow supports
- Arm shield
- Hand-held remote and holder
- Operating panel
- Interface for patient printer, CD/DVD writer

### Siemens Remote Services

System management software package to support Siemens Remote Service (SRS) with the following functions:

- Siemens Remote Service basic package for diagnostics and repair, quality assurance, and software maintenance.
- Early warning system ensuring system operation
- The functions are made available as part of the maintenance contract package

Prerequisite for the early warning system is a permanent connection to the system via LAN and router. This is to be provided by the project manager on site.

Compact storage space mounted on the unit base with integrated power supply for ergonomic positioning of endoscopy modules such as endo light source, endo camera or HF generator, video recorder, video printer. Max. load capacity 50kg with limited mounting height of the modules. Intended for connection of the modules to the optional interfaces.

Retrieving archived images from a digital archive or from a workstation. The images must be available in DICOM – RF (Radio fluoroscopy) or SC (Secondary Capture) format and must have been generated by Fluorospot Compact.

Notes on DICOM interface(s))

Only the information stated in the DICOM Conformance Statement (DCS) is binding for the functionality of the DICOM interface(s). The DCS can be downloaded from the Internet under .

Description
<p>Functionalities that act across interfaces with/between partner systems require explicit validation, since the interpretation of the interface by the partner/target system lies outside the area of responsibility for this product. Such a validation can be implemented on request against payment of the costs incurred.</p> <p>The quotation does not include any interface changes that may be required, e.g. if existing configuration possibilities are insufficient (does not apply very often). The agreements pertaining to maintenance/service of the product shall apply to any costs incurred by necessary interface configurations.</p>
<p>DICOM Worklist: Import of patient/examination data from an independent RIS/HIS.</p> <p>DICOM MPPS (Modality Performed Procedure Step): Sending of dose, patient and examination data to an independent RIS (MPPS).</p> <p>Note on DICOM interface(s)) Only the information stated in the DICOM Conformance Statement (DCS) is binding for the functionality of the DICOM interface(s). The DCS can be downloaded from the Internet under .</p> <p>Functionalities that act across interfaces with/between partner systems require explicit validation, since the interpretation of the interface by the partner/target system lies outside the area of responsibility for this product. Such a validation can be implemented on request against payment of the costs incurred.</p> <p>The quotation does not include any interface changes that may be required, e.g. if existing configuration possibilities are insufficient (does not apply very often). The agreements pertaining to maintenance/service of the product shall apply to any costs incurred by necessary interface configurations.</p>
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<p>The IPv4 communication of the imaging system is converted to IPv6. GRE and LISP are the supported transmission methods.</p>
<p>Leg Holders with "Piston lift" for use with the Uroscop Access. Leg holders allow intra-operative positioning without side rail adjustments or compromising the sterile field. Designed for laparoscopy and other procedures requiring low lithotomy positioning. These leg holders are designed to help neutralize leg weight and can accommodate patients that are up to 350 lbs. in weight.</p> <p>Additional features:</p> <ul style="list-style-type: none"> <li>- The lightweight molded boots are lined with soft pads that encapsulate the foot to keep it from slipping out-even in radical elevated lithotomy positions.</li> <li>- Reduces pressure under the fossa or where the peroneous nerve is superficial.</li> <li>- The comfortable squeeze grips permit adjustment of lithotomy and abduction positions for optimal surgical site exposure.</li> <li>- Once the patient is positioned, simply release the handle to secure the leg-holders.</li> <li>- Socket and pad set are included with the purchase of the Leg Holders.</li> <li>- Includes one year warranty through Amatech.</li> </ul>



Description
Basic blade clamp that is compatible with Amatech's knee crutches and leg holders when used in conjunction with Siemens Uroskop Access.
Armboard with trigger adjustment for attachment to the Uroskop Access. The armboard pad is not included and must be ordered separately. AMP003824RBB20A1 – 2" armboard pad
1" armboard pad to be used with the Armboard with trigger adjustment (part number AMFABSLTE)
3 ½" diameter cable tubing with Velcro closure. White. 15 foot long.  Made of PVL which is a tough, lightweight flexible jacket of vinyl-coated polyester. Flame retardant PVC is laminated to both sides of a Polyester fabric to make this rugged jacket extremely flexible and lightweight. This reinforced construction provides good wear resistance combined with high tear strength. It's ideal for discrete wires, wire harnesses, hoses, and other applications where its flexibility, strength and abrasion protection are needed. The jacket conforms to MIL-C-43006E, Type II, Class 1.
Designed to collect waste fluid when a floor drain or suction is not available. Internal baffle system enables the container to fill evenly as powder converts liquid to gel. Built in handles allow the unit to be easily carried to disposal. 5-gallon capacity. Compatible with urology drain bags (Part # CF507505)
Urology Drain bag designed specifically for the Siemens Uroskop Access. Made of Durable Vinyl, this drain bag utilizes an under-buttocks flap to direct fluids into the bag. Sterile, individually pouched.
Wide Footswitch cover, 24" x 20" fits with latex free elastic cord and cinch lock, Bulk packaged, non-sterile.