
Uroskop Omnia Max

Description

Patient table

- Left-hand version of the basic unit
- Height-adjustable table, tiltable ($\pm 90^\circ$), 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

Description

- Automatic X-ray control system for fully automatic calculation and optimization of exposure data based on 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.

Description

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 .

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.

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.

DICOM Worklist:

Import of patient/examination data from an independent RIS/HIS.

DICOM MPPS (Modality Performed Procedure Step):

Sending of dose, patient and examination data to an independent RIS (MPPS).

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Leg Holders with "Piston lift" for use with the Urooskop 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.

Additional features:

- 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.
 - Reduces pressure under the fossa or where the peroneous nerve is superficial.
 - The comfortable squeeze grips permit adjustment of lithotomy and abduction positions for optimal surgical site exposure.
 - Once the patient is positioned, simply release the handle to secure the leg-holders.
 - Socket and pad set are included with the purchase of the Leg Holders.
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Description
<ul style="list-style-type: none"> - Includes one year warranty through Amatech.
<p>Armboard with trigger adjustment for attachment to the Urooskop Access. The armboard pad is not included and must be ordered separately. AMP003824RBB20A1 – 2" armboard pad</p>
<p>1" armboard pad to be used with the Armboard with trigger adjustment (part number AMFABSLTE)</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.</p>
<p>Wide Footswitch cover, 24" x 20" fits with latex free elastic cord and cinch lock, Bulk packaged, non-sterile.</p>