

SIEMENS

Powered by
MAX

Urooskop Omnia Max

Sharper images made smarter

siemens.com/uroskop-omnia-max





MAX assistance is your intelligent personal assistant that proactively works for you, supports you, and protects you.

MAX detection is all about the right image – and applying intelligent imaging technology at every step of the process.



When imaging, patient access, and system handling are in line with your urologic requirements, it's called Uroskop Omnia Max

Many urology systems in use today provide inferior image quality, insufficient system ergonomics, and suboptimal image management. This can result in uncertain decision making, cumbersome case preparation, and even delays during an intervention.

Increase operational efficiency and enhance your urology department's competitiveness – with a system that offers superior imaging technology, truly unrestricted patient access, and unhindered view of all modalities. The MAX flat detectors capture the entire KUB with a single shot in

exceptional image quality, letting you see even the finest details at the lowest possible dose. Free patient access from all sides and smart system positioning with a single button push result in faster, more accurate examinations and interventions. You can also display, compare, and archive images from multiple sources during patient treatment to gain a comprehensive view for higher diagnostic and therapeutic confidence.

Uroskop Omnia Max has been designed to provide sharper images, unique ergonomics, and a faster overview. So you can concentrate on what really matters – your patient.

Get sharper images the smarter way for more efficient urologic interventions – with Uroskop Omnia Max.

Sharper images –
exceptional quality in
43 cm x 43 cm (17" x 17")

Unique ergonomics –
from patient access to
system positioning

Faster overview –
all modalities in sight

It's more. It's MAX.

It's more than just single features and functions. It's **MAX – Multiple Advances in X-ray**. Multiple advances touching multiple aspects of your work can only be achieved when all system elements are seamlessly integrated in one network. Experience MAX with MAX assistance and MAX detection. Enabling you to achieve the best image quality in the shortest amount of time possible with your system.



The right dose

The comprehensive CARE dose reduction program decreases radiation exposure for patients and staff, without compromising image quality. The MAX dynamic flat detector, with a state-of-the-art Cesium Iodide scintillator, gives you the choice of low-dose DFR or full-resolution RAD images.

CAREFILTER

Automatic copper filters to reduce skin dose

CAREMATIC

Automatic exposure parameters

CAREMAX*

Dose-area measurement and monitoring

CAREVISION

Pulsed fluoroscopy with 30, 15, 10, 7.5, and 3 p/s

FluoroLoop*

Prospective and retrospective storage and review of fluoroscopy sequences

CAREPROFILE*

Radiation-free collimation using Last Image Hold (LIH) for orientation

CAREPOSITION*

Radiation-free patient repositioning using a virtual field display on the LIH

* Option

MAX detection –
For the right image.



Sharper images – exceptional quality in 43 cm x 43 cm

Many existing urology imaging systems have limits in anatomical coverage and image quality. This can result in low diagnostic confidence, and higher dose to patients.

Enhance your patient outcome with a state-of-the-art system that delivers distortion-free, high-quality dynamic sequences and static images of the entire KUB tract in one exposure – enabling an appropriate and effective treatment.

One shot – high-quality KUB images

See more with the full span of the large MAX dynamic flat detector. It delivers distortion-free, high-quality dynamic sequences and static images of the Kidney-Ureter-Bladder tract (KUB) in one exposure – offering full patient coverage with a detailed resolution of up to 3.4 lp/mm.

Less noise – better detail recognition

DiamondView Plus significantly reduces noise while increasing detail contrast and sharpness of your radiographic images – with enhanced soft-tissue contrast and finer bone detail. Predefined settings based on organ programs help you save time and effort and further reduce dose.

Faster navigation – less dose

In addition to always sharpening up on image quality, we are also committed to further reduce dose for patient and staff – with our unique CARE** initiative. CAREPROFILE* and CAREPOSITION*, for example, let you quickly navigate to a detail in a KUB image while ensuring full orientation. Best of all: It's a single-touch positioning feature. Navigate to a desired image detail such as half-side, kidney or bladder with just a push of a memory button. And it's completely radiation-free. This saves time and increases patient safety.

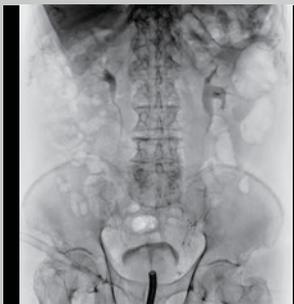
* Option

** Combined Applications to Reduce Exposure (CARE),
a Siemens Healthcare initiative for dose reduction.

Sharper images for all procedures: DiamondView Plus and Dynamic Density Optimization* (DDO) reduce image noise and enhance soft-tissue contrast – for more detail without increasing dose.

The MAX dynamic flat detector offers 116% more image area and lets you see real KUB in one exposure.

Targeted navigation keeping full orientation – completely radiation-free.



With DiamondView Plus and DDO*



Conventional image without advanced imaging filter



33 cm (13") Image Intensifier



43 cm x 43 cm (17" x 17") MAX dynamic flat detector



Targeted navigation

Unique ergonomics – from patient access to system positioning

Patented curved X-ray column for free patient access.

Clear view of the monitor from any position.

Anesthesiologist stays always at the table head, regardless of the clinical application.

Compact patient table for excellent patient access.



Truly unrestricted patient access from all sides for the urologist and staff.

MAX assistance –
Works. Supports. Protects.



With today's urology systems, patient access can be an issue. To match specific interventional needs, the entire OR setup has to be adjusted, slowing down speed of care and causing wait times.

Manage your processes more efficiently by ensuring truly unrestricted patient access from all table sides without patient repositioning. Enable staff to keep a standardized equipment setup without wasting time on rearranging equipment.

Patented design – free access

Thanks to its patented curved X-ray column, Uroskop Omnia Max offers you and your team truly unrestricted patient access from all four sides. From any position,

you have a clear view of the monitor, and hence your images. Regardless of the clinical application, there is no need to reposition the patient and the anesthesiologist can always remain at the table head. Your big plus: Less preparation time and faster examinations result in significant time savings.

Faster operation – reproducible positions

With SmartMove, Uroskop Omnia Max automatically takes the fastest and shortest way to any position you need – at the touch of a button. With up to seven predefined, automatic, and simultaneous functions, you can reach new levels of consistency and efficiency in every examination.

Easy adjustment – for small and slender ones

Easily and quickly adapt Uroskop Omnia Max to the needs of children or very slender adults. Just move the grid into a parking position – motor-driven, with the push of a button.

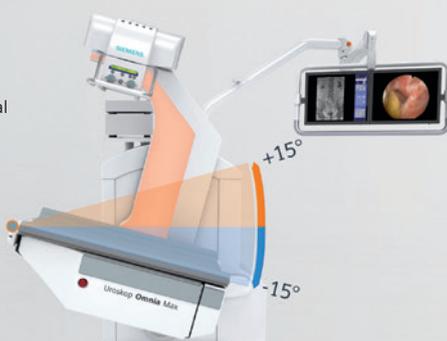
With a single button push, the system moves to where you need it; e.g., from the patient transfer position to your standard working position.



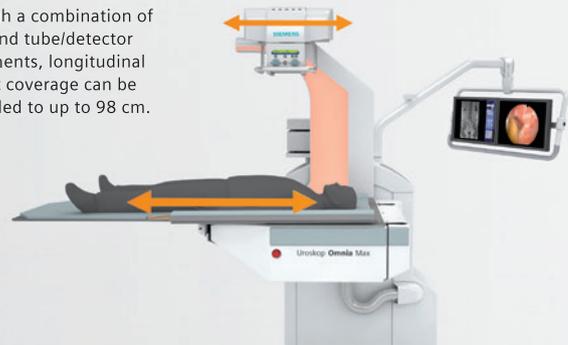
When moving to a sitting micturition position, the patient can sit comfortably with his feet on the ground.



When moving to a Trendelenburg position, the table height is leveled around the perineal end to keep your working height constant.



Through a combination of table and tube/detector movements, longitudinal patient coverage can be expanded to up to 98 cm.





View images from all modalities side-by-side with your X-ray and endoscopy images – on the integrated second monitor.



Sterile operation with the multifunctional footswitch.



All modalities in sight – anywhere.

MAX detection –
For the right image.



Faster overview – all modalities in sight

Displaying images separated on multiple sources and not ergonomically combined can lead to intraoperative wait times and even cramped work environments.

Improve workflow efficiency and patient throughput with immediate side-by-side availability of all multimodality images required – enabling an ergonomic working position and efficient documentation.

All in one place – side-by-side

SmartView* lets you view and compare a variety of images side-by-side during interventions. You can display live and reference images from endoscopy, ultrasound, and all DICOM modalities – next to your radiography or fluoroscopy images. The plug and play interface HD VideoManager lets you also view endoscopy images even in high definition (HD). So you have everything you need in one place and in exceptional image quality.

Multimodality images – stored together

Store together what belongs together: SmartView* also allows convenient storage of images. With HD EndoStore*, you can file images from all modalities together with X-rays as DICOM images in one patient folder. Just one more click and they will be sent to your PACS as a bundled package – for fast retrieval anytime.

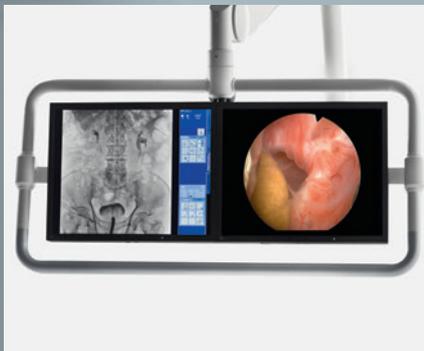
All modalities in sight – anywhere

Every member of your intervention team can easily access all images in both the intervention room and the control room. In addition, images can be seamlessly transferred* to an additional screen or urodynamic system.

Unique handling – for sterile operation

Uroskop Omnia Max is the only system that allows you to operate SmartView* using a multifunctional footswitch. Your great advantage: Sterile operation is always ensured.

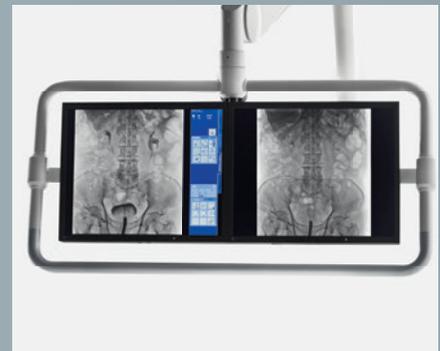
* Option



Connect endoscopy and ultrasound to the HD VideoManager and see them side-by-side with your X-ray and fluoroscopy images.



Connect a PACS viewer to the HD VideoManager and see multimodality DICOM images together with your live X-ray and fluoroscopy images.



Monitor signals can also be fed out, for example, to a urodynamic system*.



MAX detection –
For the right image.

Uroskop Omnia Max – imaging excellence made visible

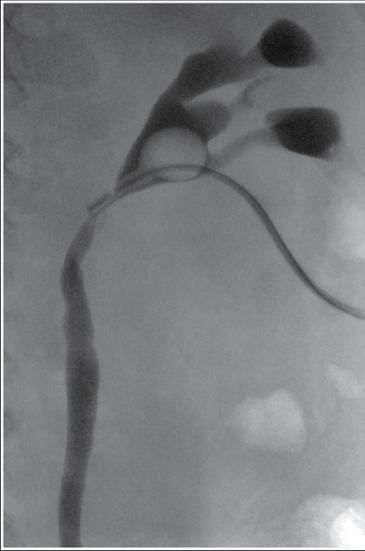
“Imaging the entire urinary tract in one exposure with excellent resolution – ideally implemented.”

“The possibilities of working without having to reposition the patient and of imaging the entire urinary tract with one single exposure with excellent image resolution have been ideally implemented in this interventional workstation.

Free access to the patient, individually adjustable table height and intelligent table movements are further features that make working with it easy and convenient. In addition, patient comfort is increased while examination time is reduced.”

*Michael Straub, MD
Managing Senior Physician, Department of Urology
Technische Universität München, Klinikum rechts der Isar, Munich, Germany*





Percutaneous nephrostomy (PCN)



Double-J stent insertion



Ureterorenoscopy (URS)



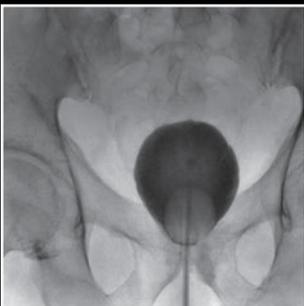
Retrograde pyelography



Intravenous pyelogram (IVP)



Conduitogram



Cystogram a.p.



Cystogram lateral



Retrograde Urethrogram



Retrograde Urethrogram

Uroskop Omnia Max

Sharper images made smarter

Free patient access

From all table sides with the patented curved X-ray column design

MAX dynamic flat detector

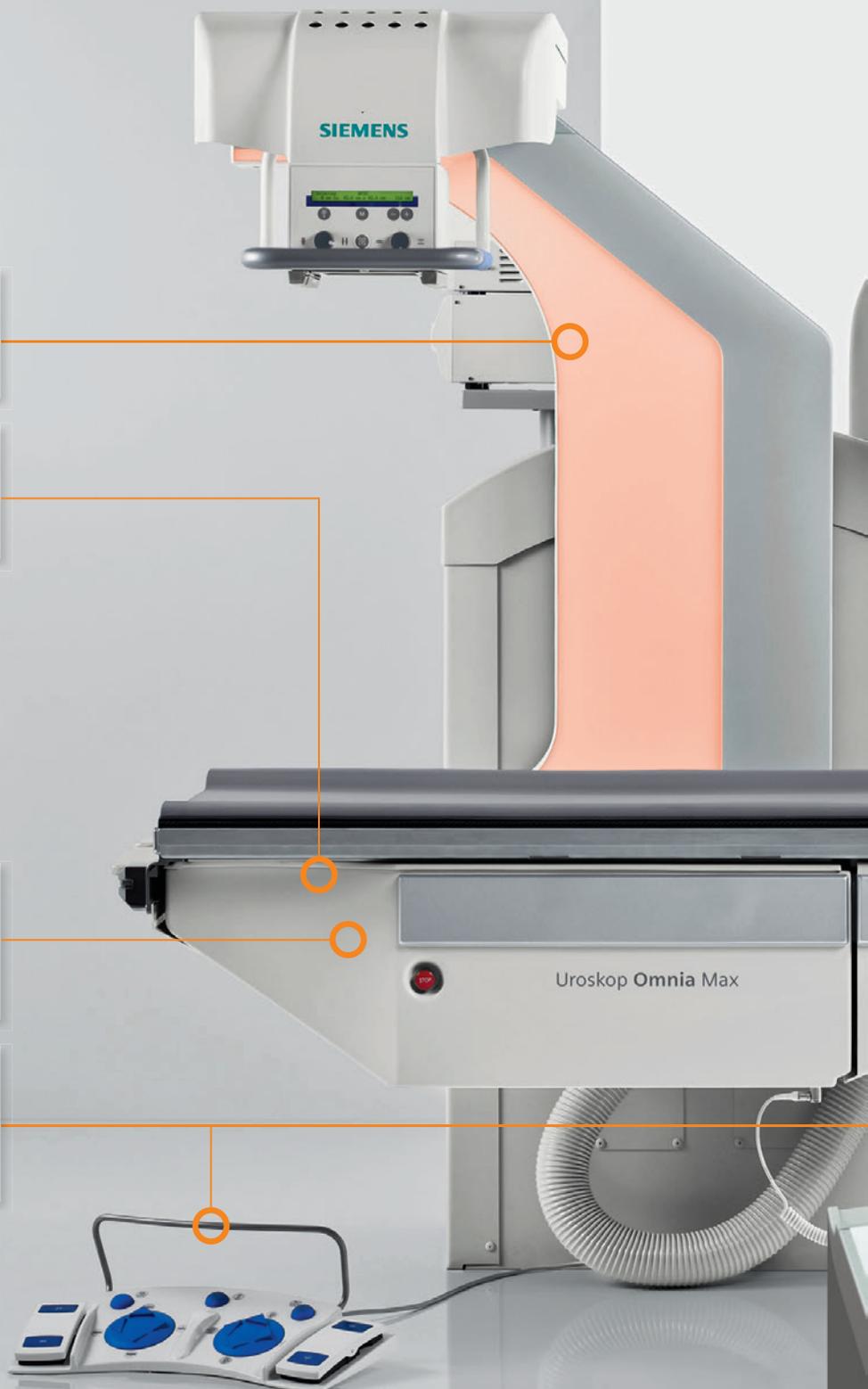
43 cm x 43 cm (17" x 17") for sharper images and real KUB in one shot

SmartMove

All movements automated and simultaneous for the fastest way to position in every examination

Intuitive controls

Efficient system operation even from within the sterile field with the multifunctional footswitch



* Option



Targeted navigation

Navigate from the KUB to a desired image detail – fast, precise, and radiation-free

SmartView*

View and compare X-ray, endoscopy, ultrasound, and all DICOM modalities side-by-side – and store them in one patient folder

Experience why detail matters

Around the world, Siemens Healthcare is known for innovation power and technology leadership. All our medical systems are backed by more than 125 years of experience.

Uroskop Omnia Max has our in-depth expertise in medical technologies built in and lets you benefit from our R&D innovations as well as an extensive installed base of more than 10,000 radiography and fluoroscopy units. In fact, our wealth of experience also forms the basis for the intelligent MAX technologies. That is why MAX assistance is more than just ease of use and MAX detection is more than just detectors. Uroskop Omnia Max offers, for example, an ergonomic design with the patented curved X-ray column as well as predefined, automatic, and simultaneous system movements. Unique technology enables targeted, radiation-free navigation. Interaction of the Max dynamic flat detector with the DiamondView Plus software completes the picture.

With these intelligent MAX features and other details, Uroskop Omnia Max assists you throughout your workflow and helps you obtain clear image quality at the right dose.

Uroskop Omnia Max: because detail matters.

Free yourself from technical worries at fixed cost

Cover all service needs of your Uroskop Omnia Max with a Performance Plan TOP from Siemens Healthcare. It already includes service parts and corrective maintenance, and you can opt to add special components to your service agreement. Compare your revenue loss from a system downtime with your expenditure for a service contract that assures the quickest possible system recovery at defined costs. In other words, investing in a Performance Plan TOP truly pays off.

An investment that pays off

Sum up the efficiency gains to see why Uroskop Omnia Max is a good investment. Physicians report shorter examination and intervention times thanks to the smart technology and exceptional image quality. Patient throughput can be increased through intelligent details such as the high heat capacity tube that prevents waiting times for cooling. Room usage becomes more flexible with the compact, space-saving design. Synergies with other Siemens Healthcare systems translate into flexible staff usage and reduced training efforts. Also, the safety and comfort Uroskop Omnia Max provides can have a positive impact on your patient rating.

Uroskop Omnia Max

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The statements by Siemens' customers described herein are based on results that were achieved in the customer's unique setting. Since there is no "typical" hospital and many variables exist (e.g., hospital size, case mix, level of IT adoption) there can be no guarantee that other customers will achieve the same results. The speaker is employed by an institution that provides Siemens product reference services for compensation pursuant to a written agreement.

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Siemens Healthcare Headquarters

Siemens Healthcare GmbH
Henkestr. 127
91052 Erlangen
Germany
Phone: +49 9131 84-0
siemens.com/healthcare