

SIEMENS

Urooskop Omnia Max

Sharper images made smarter

www.siemens.com/urooskop-omnia-max



Answers for life.

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

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

Capturing the entire KUB with a single shot in exceptional image quality with the flat detector technology, allows you to view 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. The ability to display, compare, and archive images from multiple sources during patient treatment ensures a comprehensive view for higher diagnostic and therapeutic confidence.

Applying intelligent innovation at every workflow step, 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.

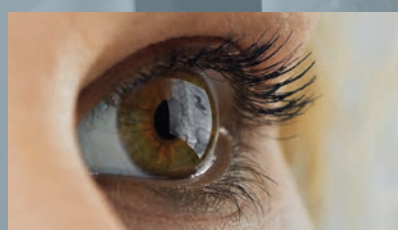
Sharper images – exceptional quality in 43 cm x 43 cm (17" x 17")

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.



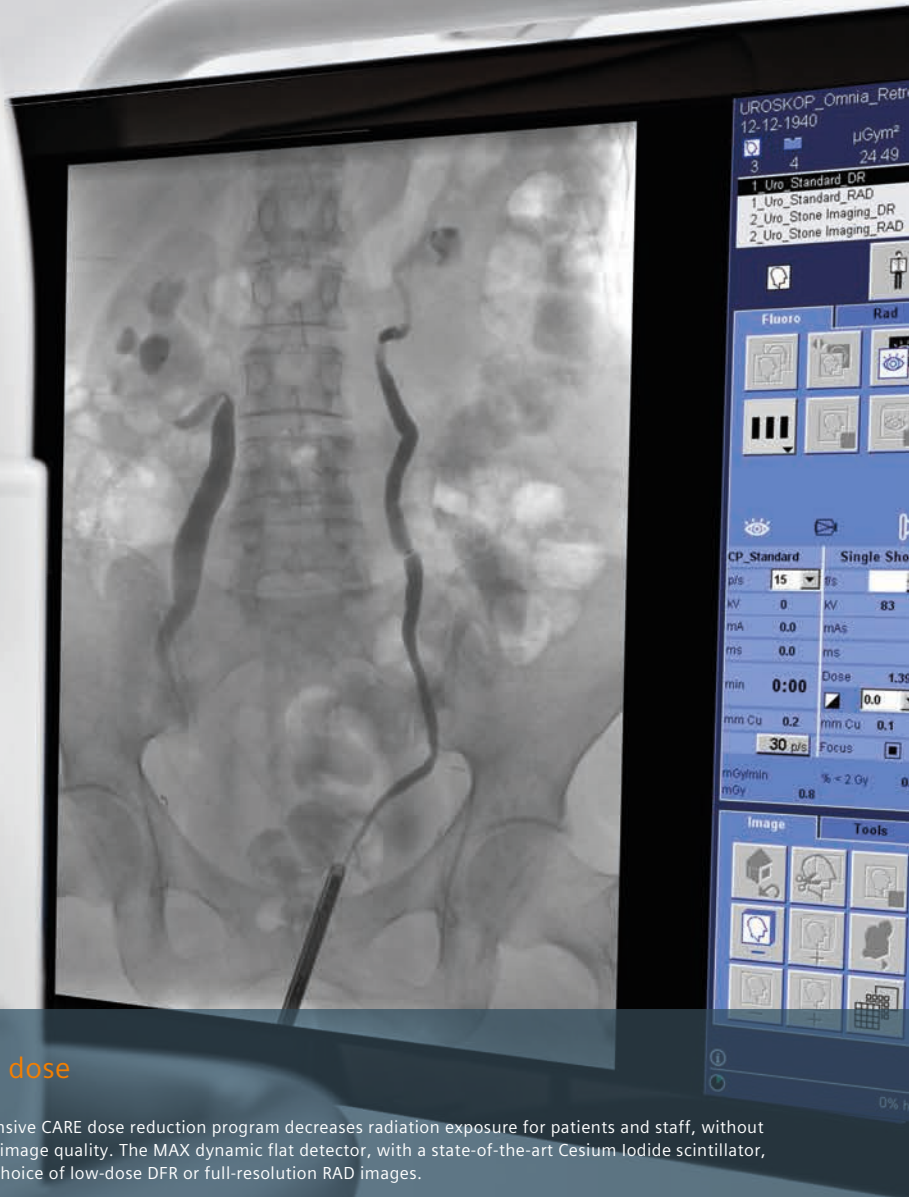
MAX assistance is your intelligent personal assistant that proactively works for you, supports you, and protects you.

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





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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

See the entire KUB tract in one shot – and distinguish even tiny urologic instruments and the finest anatomical structures. That’s how you benefit from the intelligent interaction of our MAX dynamic flat detector with DiamondView Plus software.

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.

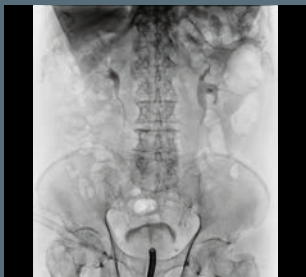
* Option

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

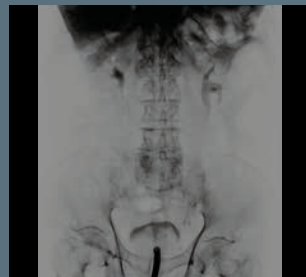
Sharper images for all procedures: DiamondView Plus and Dynamic Density Optimization* (DDO) reduce image noise and enhance soft-tissue contrast – for more detail without increasing dose.

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

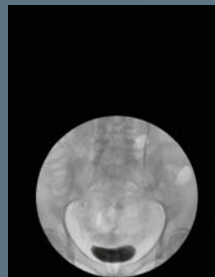
Targeted navigation keeping full orientation – completely radiation-free.



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.



Experience unique ergonomics for less preparation time, faster examinations, and higher efficiency. With our patented design you can access your patients from all sides; when positioning the system, the SmartMove technology automatically takes the fastest and shortest way.

Patented design – free access

Thanks to its patented curved X-ray column, Urooskop 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, Urooskop 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 Urooskop 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.

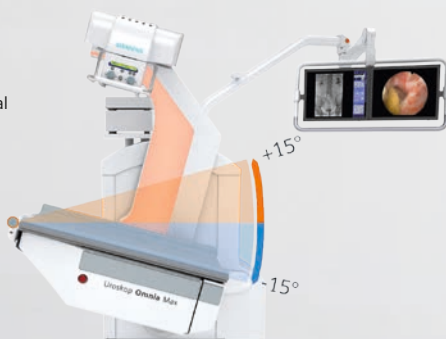
With a single button push, the system moves to where you need it; e.g., from the patient transfer position to your standard working position.



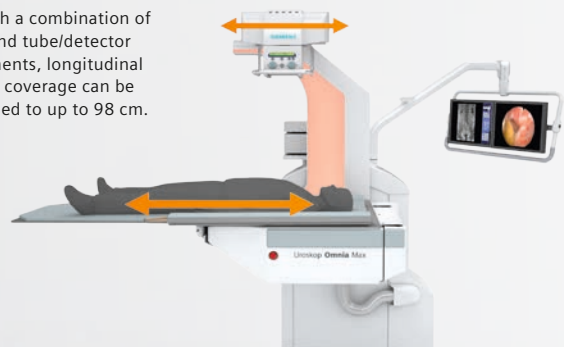
When moving to a sitting micturition position, the patient can sit comfortably with his feet on the ground.



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.





MAX detection –
For the right image.



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

Faster overview – all modalities in sight

Increase your diagnostic and therapeutic confidence. View and compare X-ray, endoscopy, ultrasound, and all DICOM modalities side-by-side – and store them in one patient folder. That's complete image management in the intervention room under sterile operation.

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.

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*.



Sterile operation with the multifunctional footswitch.



All modalities in sight – anywhere.



*Option



MAX detection –
For the right image.

Uroskop Omnia Max – imaging excellence made visible

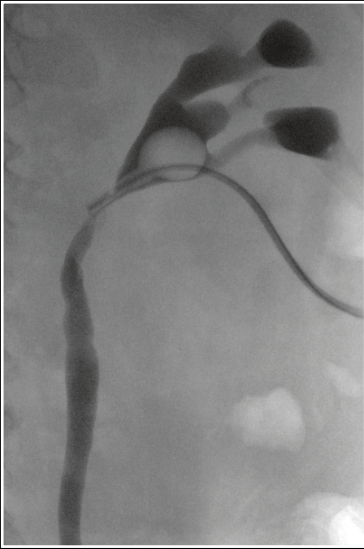
“Imaging the entire urinary tract in one exposure with excellent resolution – ideally implemented.”

“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.”

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

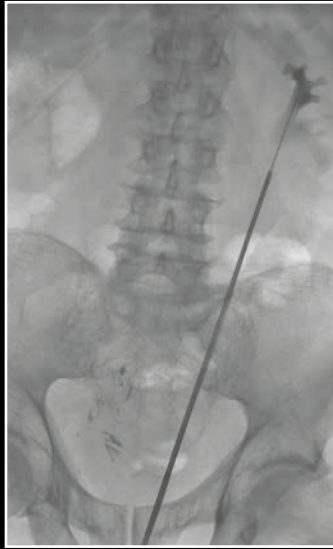




Percutaneous nephrostomy (PCN)



Double-J stent insertion



Ureterorenoscopy (URS)



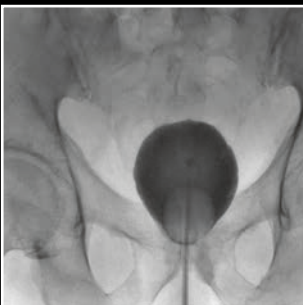
Retrograde pyelography



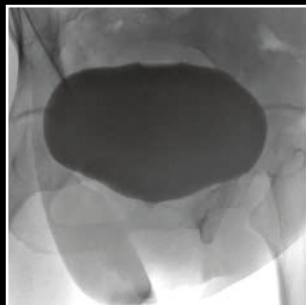
Intravenous pyelogram (IVP)



Conduitogram



Cystogram a.p.



Cystogram lateral



Retrograde Urethrogram



Retrograde Urethrogram

Uroskop Omnia Max

Sharper images made smarter

CARE dose reduction program

Decreases radiation exposure for patients and staff without compromising image quality

Patented curved X-ray column

Truly unrestricted patient access

MoodLight*

For relaxed patients

SmartMove

Faster, safer, and standardized patient positioning

MAX dynamic flat detector

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

Intuitive controls

Safe and efficient system handling

Multifunctional footswitch

Efficient and sterile operation



*Option

CAREPOSITION* and CAREPROFILE*

Unique targeted navigation while keeping full orientation – completely radiation-free

Swivel arm

Free movements in the interventional room

**DiamondView Plus
Digital Density Optimization* (DDO)**

Proven software algorithms for less noise, better detail recognition, and harmonized contrasts

SmartView*

All modalities in sight

Intuitive syngo FLC

Fully digital one-stop workflow from patient registration to image documentation

**Multimodality viewing* and
HD EndoStore***

All images you need in one place, saved as DICOM images



Experience why detail matters.

Around the world, Siemens 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.

Service tailored for you

Helping you prevent unscheduled downtime and improve workflow, Siemens comprehensive service options can be tailored to your precise requirements. From preventive maintenance to technical phone support, system updates and fast on-site response, our proven Performance Plans are designed to help improve reliability while ensuring predictable costs, lower risk, and greater efficiency.

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 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

Uroskop Omnia Max is not commercially available in all countries. Due to regulatory reasons their future availability cannot be guaranteed. Please contact your local Siemens organization for further details.

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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