Uromat – The Urology Table with Optimal Patient Accessibility
Motorised examination table for extensive diagnostics and minimally invasive procedures in urology with optimal accessibility.

Uromat
An asset to urology

The Uromat is a urology examination and operating table which can be equipped with the latest digital X-ray technology. It is suitable both for urological examinations and diagnostics and for minimally invasive urological procedures. These include transdermal and endoscopic procedures, kidney and bladder stone surgery and procedures on the prostate, bladder and ureter.
The numerous adjustments mean no other X-ray system is needed.
The Uromat’s tilting range goes from the Trendelenburg position -20° to 88° vertical for urodynamics.
Future-proof systems for diagnosis and treatment are essential in the digital age – modular solutions that meld the tried and true paths in innovative medical technology. For this, the Uromat concept offers modular table and imaging systems you can adapt to your current exact requirements and extend tomorrow seamlessly: from the standard application to the high-end digital system.

Ergonomics are the top priority for concentrated, fatigue-free work. The „heart“ of the Uromat is its superior but robust mechanics that can adjust, pivot and tilt the table into any position - continuously and without jolting: transversely, longitudinally, from 88° vertical to the Trendelenburg position of -20°.

The microprocessor control also permits isocentric tilting around the table end. This ensures optimal working conditions for the doctor and assistants and comfortable access for the patient at the minimum table height.
Optimal use of the X-ray beam thanks to automatic field collimation.
Ergonomic Operation

Every table position can be comfortably controlled with the manual operating unit or the multifunction foot pedal. With the memory function you store three device positions during an examination and use them later, fully automatically when necessary. The X-ray tube assembly can simply be shifted back into the parked position when necessary.

Depending on the space you have available, the Uromat can be installed in the left or right version, free-standing in the room or close to the wall to save space.
The tabletop plate, which can be moved lengthwise or crosswise, offers a large area for imaging and fluoroscopy (910 x 57 mm), without repositioning the patient.

Dynamic digital detectors of up to 43 x 43 cm make it possible to image the whole urological region with one single X-ray.

The Uromat gives you a free hand in the choice of X-ray components: with the variable mounting methods you can use X-ray components supplied by all well-known manufacturers.
The substantial reduction in the duration of the examination significantly increases patient comfort.
## Specifications

Medical technology of the future

<table>
<thead>
<tr>
<th>Technical Data</th>
<th>Uromat</th>
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<tbody>
<tr>
<td><strong>Table height</strong></td>
<td>min.: 64 cm, max.: 116.5 cm</td>
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| **Pivot range**                      | Head-up positioning: up to 88°  
Trendelenburg positioning: up to 20° |
| **X-ray tube park position**         | 36 cm                       |
| **Focus-film distance**              | 115 cm                      |
| **Tabletop-film distance**           | 6.5 cm                      |
| **Tabletop size with extensions**    | 120 x 76 cm, 198 x 76 cm    |
| **Longitudinal movement**            | ±24 cm                      |
| **Transverse movement**              | ±7 cm                       |
| **Material of the tabletop**         | Carbon-Fiber                |
| **Digital X-ray detector**           | Up to 43 x 43 cm            |
| **Installed dimensions**             | Footprint: 370 x 210 cm, Height: 260 cm |
The carbon fibre patient tabletop has an AI-value of less than 0.6 mm and is easy to clean inside and out.
The complete system facilitates processing and archiving images and transferring data rapidly.
Smooth Working Sequences

The Uromat offers comfortable access to the patient and optimised and ergonomic working conditions for the user. The patient table is accessible from all four sides, so that even during extensive procedures and examinations, laborious repositioning of the patient is not necessary.

The urology table can be raised and tilted, and all positions can be stored. Diagnostic monitors can be placed in various positions using the swivel arm. Versatile accessories expand the range of use of the table.
Comfortable Working

Ergonomics are the top priority for concentrated, fatigue-free work. Uromat’s robust mechanics permit jolt-free, continuous adjustment, pivoting and tilting of the system into any position: transversely, longitudinally, from 88° vertical to the Trendelenburg position of -20°. The microprocessor control also permits isocentric tilting around the table end. This ensures optimal working conditions for the doctor and his/her assistants, and comfortable access for the patient at the minimum table height.

Ergonomic Operation

Each table position can be comfortably controlled with the manual operating unit or the multifunction foot pedal. With the memory function you store three device positions during an examination and can use them later, fully automatically when necessary. The X-ray tube assembly can simply be shifted back into the parked position when necessary. Depending on the space available, the Uromat can be installed in the left or right version, free-standing in the room or close to the wall to save space.

The Uromat permits the

Urology And Digital Fluoroscopy without Compromise

One single X-ray is enough to image the whole urological region (kidneys/ureters/bladder). Digital X-ray detectors of up to 43 x 43 cm in size facilitate your diagnosis in X-ray and fluoroscopy mode and reduce the patient’s radiation load to a minimum.

Remote Control and Memory Function

The optional remote control offers the examiner the option of activating all X-ray and table functions from the radiation-protected control room. The microprocessor-controlled system stores the preferred positions and thus ensures an optimised workflow.

Attractive Features
Paediatrics Allowed
The anti-scatter grid can be driven out of the path of the rays into the parked position by a motor, at the press of a button. Thus, special X-rays of children and very slender patients can be produced without problems.

Clear View from any Working Position
The spring joint of the monitor support arm permits perfectly free positioning of the two high-resolution monitors. The extremely flexible monitor support is always available to the urologist and his/her assistants in the optimal position, with unrestricted patient accessibility from all four sides.

use of X-ray components supplied by all well-known manufacturers.
Digital X-ray detectors of up to 43 x 43 cm for X-rays and dynamic fluoroscopy allow you to design your own working procedures.

The Uromat systems with various applications are used in the following fields:

- Abdominal radiography
- Brachytherapy
- Cavernosography
- Cystoscopy
- Endoscopy
- Intravenous pyelography (IVP)
- Laparoscopy
- Percutaneous nephrolithotomy (PCNL)
- Ultrasound/sonography
- Ureteroscopy (URS)
- Urodynamics

More than One Dimension!
With more than 1200 installations worldwide, Uromat has proven its high reliability and effective patient care.
Accessories and Optional Equipment

The Uromat offers you a wide range of helpful extras for routine practice – from the ideal hygiene strategy, through service tailored to your requirements, to the extensive range of high quality accessories. We will be glad to give you detailed information.

- Tabletop extension
- Foot rest 
  (only with tabletop extension)
- Arm support for infusions
- IV bottle holder
- Compression band
- Shoulder supports
- Hand grip
- Leg holder
- Headrest with holder
- Paper roll holder 
  (only with headrest holder)
- Rinse bowl
- Irrigation bag holder
- Irrigation bags (20 pcs)
- Micturition seat
- Carrier arm for two 19” monitors
- BNC adapter
- Support for additional devices
  65 x 40 cm
- Remote control
- Anaesthesia screen
  incl. extension