

*Your Expectation is Our Priority*

**ELMSTech**



**Uromensa**

Multifunctional Urological Table with X-Ray Imaging System

### ELMSTech provides new solutions to enhance your workflow.

Uromensa is a fine combination of high technology, versatility and economy. Its ergonomic design allows the operator to work without being distracted by any moving parts of the table. Upgradeability provides the operator with a variety of choices including the option of adding new features according to changing needs. Uromensa determines new standards for urological applications.

Thanks to the "tomographic" motion of its x-ray tube, which is independent from the table, UROMENSA can be applied in the field of endourology and especially in the operations of PNL (Percutaneous Nephrolithotomy) and PCN (Percutaneous Nephrostomy). It makes operations easier, since there is no need to reposition the patient.



In addition to the digital imaging, UROMENSA provides radiography at desired quality by means 8"x10" or 14"x17" cassettes.



By virtue of the 90° tilt motion, UROMENSA offers ease-of-operation during urodynamic applications. The patient can stand or sit on the comfortable urodynamic "chair".



In endoscopic procedures, prompt and easy operations are ensured by means of the adjustable monitor-mounted rack and synchronous monitoring of both fluoroscopic and endoscopic images.



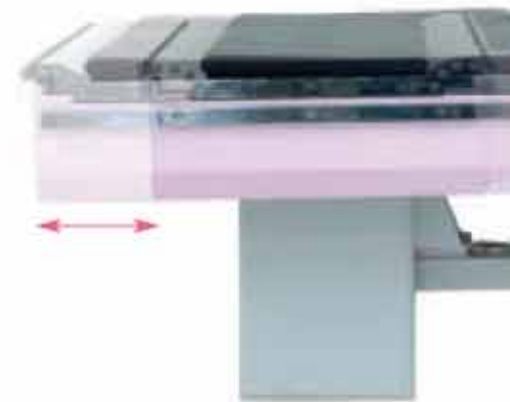


Since UROMENSA has the capability to use the x-ray tube at even a 90° tilt, it allows fluoroscopy from different angles in many urologic applications.

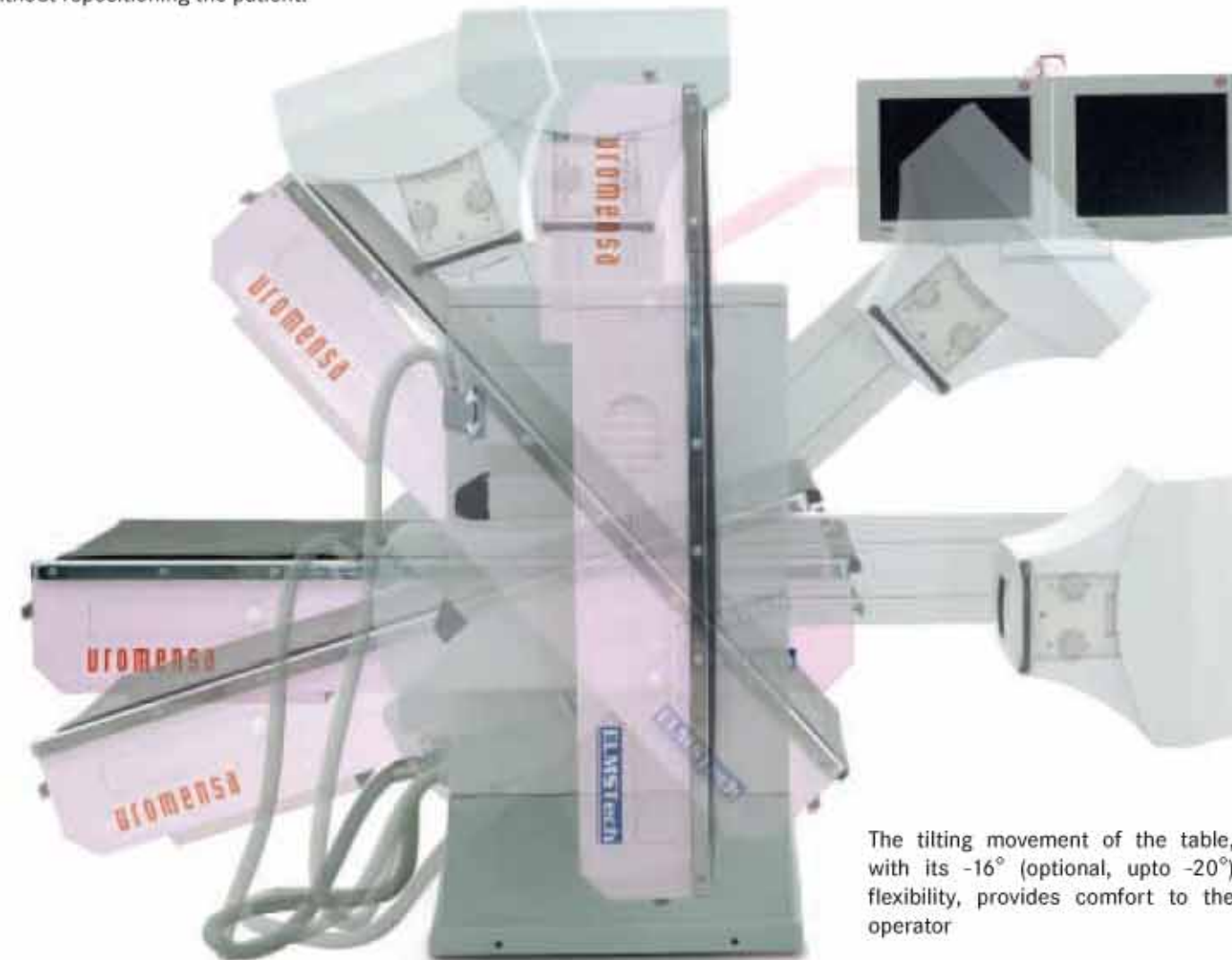


The "tomographic" motion of the x-ray tube and its longitudinal motion enable the operator to apply fluoroscopy without repositioning the patient.

The surface of the table can also move in transverse and longitudinal directions. Thus, technicians can avoid moving the patient unnecessarily.



All the movements of the system are motorized. Placing the patient on the table is even easier, thanks to the wide range of up-down movement.



The tilting movement of the table, with its -16° (optional, upto -20°) flexibility, provides comfort to the operator

The crane movement of the x-ray tube allows one to apply necessary X-ray procedures, including radiography, without moving the patient.



Commitment for accurate and quick decision making.

ELMSTech is dedicated to enhancing the scope of operations.

### DIGITAL IMAGE PROCESSING

Uromensa features image processing and superior image quality.

- ▶ Capacity to store up to 3000 images.
- ▶ Easy integration of its DICOM 3.0 software in to PACS.
- ▶ Mosaic Display
- ▶ Patient Database
- ▶ Image Reviewing
  - Re-masking
  - Digital image flip
  - Zoom
  - Cineplay
  - Annotation
- ▶ Its real-time properties
  - Digital zoom
  - Roam
  - Edge enhancement
  - Brightness & contrast
  - Positive & negative image inversion
  - Image rotation
  - DSA (\*optional)
  - Road mapping



Thanks to its image processing, UROMENSA produces more accurate results at even lower x-ray dosages.



#### Standard accessories

- ▶ Accessory stand
- ▶ Standard leg holder
- ▶ Infusion arm board
- ▶ Shoulder supports
- ▶ Elbow supports
- ▶ Grab rails
- ▶ Compression belt
- ▶ Reusable drainage system
- ▶ Disposable bag drainage system
- ▶ Support for infusion bottles
- ▶ Patient covering cloth holder
- ▶ Micturition seat
- ▶ Endoscopy shelf
- ▶ Paper towel hanger
- ▶ Patient support cushion

#### Optional accessories

- ▶ DSA (Digital Subtraction Angiography)
- ▶ Bucky device
- ▶ Double monitor
- ▶ 12" Image Intensifier
- ▶ Magneto-optical disc archiving system
- ▶ Acquiring, storing and processing of images
- ▶ Sequence recording
- ▶ Archiving facilities
- ▶ Data transfer facilities
- ▶ Patient data base
- ▶ Computer controlled fluoroscopy techniques with real-time digital image processing
- ▶ Multiple patient positioning memories that can be recalled
- ▶ Urovideoscopy



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The technical specifications and design are subject to change without prior notice.

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