Uromic Jive
Modular System

A modular system combining the most important diagnostic methods in urology and urogynecology – ultrasonographic imaging of anatomic structures and urodynamic function testing. The system can also be used in surgery and gastroenterology.

Advantages:
- Space saving: all units contained in one device
- Cost saving: you choose only what you really need in a quality that you can utilize
- Upgrade: upgrade to a higher version at a later date

The base consists of two units:
1. **Urodynamic module Uromic Jive** for simultaneous measurement of 6 biomedical data (standardly one channel for uroflowmeter, one for EMG and 4 channels for pressure measurement), with circuits for cystometric pump and profilometric puller control. The software performs all the standard ICS examinations (uroflowmetry, cystometry, PQ study, VLPP, ALPP, BLPP, EMG and Biofeedback, static and dynamic profilometry). The unit is compatible with all pressure transducers offered on the market. Anorectal and esophageal manometry is also available.

2. **Ultrasongraphic module EchoJive** for B/M mode, CFM, PD and pulse doppler. Abdominal, transrectal, vaginal and small parts transducers are available as well.
1. **Uromic JIVE - examination couch with inbuilt urodynamic unit**

Modern diagnostic couch used also for interventions in all patient positions: sitting, lying, gynecological use, or standing (male voiding position).

X-ray permeable material that enables its usage for videouro-dynamics with a RTG C arm. Optimalized for urodynamics and suitable also for cystoscopy, ultrasonography, transrectal prostate punctures or urogynecological examinations.

Length of components: seat 400 mm, backrest 500 mm, headrest 400 mm, additional feet 550 mm.

Couch is fully equipped: fixation for accessories (holder for profilometer, cystometric pump and halogen spotlight). Removable additional gynecologic footrests and handrests. Height adjustable electrically between 640 – 940 mm, angle of the backrest adjustable electrically from 0° to +80°, manual adjustment of the backrest angle ± 30°, seat (Trendelenburg) adjustable electrically from 0° to +30°. Equipped with electronics; handset control of the 3 motors.

Optional accessories for the examination couch:

- **a. Urodynamic unit Uromic Jive**
- **b. Ultrasound module EchoJive**
- **c. Uroflow transducer on mobile trolley**
- **d. Cystometry pump hung on the frame**
- **e. Transrectal /transvaginal transducer**
- **f. Profilometry puller on adjustable arm**
The system is designed for sitting operation. A docking unit with a notebook is fixed at desk height. The notebook can be unlocked and used elsewhere.

Optional accessories: inbuilt urodynamic unit Uromic Jive for complete urodynamic examination, cystometric pump, pressure transducers and infusion baghanger. An external uroflowmeter (on a stand or under the commode) can be connected and also a profilometry puller on a separate stand. Ultrasound module EchoJive for B/M mode and all doppler modes can be mounted on the trolley together with holders for ultrasound transducers and gel.

Optional accessories of the trolley:

- a. Urodynamic unit Uromic Jive
- b. Ultrasound module EchoJive
- c. Transrectal /transvaginal transducer
- d. Profilometry puller on adjustable arm
- e. Uroflowmetric transducer on the stand
- f. Examination commode
- g. Cystometry pump hung on the frame
3. Mobile version of urodynamic unit

Mobile version is designed for examination in more doctor’s offices. The whole system including urodynamic unit, cystometric pump and calibration tensiometer can be carried in a small case. Urodynamic unit should only be connected to a computer equipped with a software.

A multi-license software is available – the urodynamic unit can be connected to several computers and data can be exported onto a USB flash drive or an external hardspace. The ultrasonographic modules can be used as well (portable case available as well).

A portable version of profilometric puller is also available. The cystometry pump with infusion bag can be hung on a standard infusion stand.

Components of the Uromic Jive modular unit

1. Central urodynamic unit:
   For simultaneous measurement of 6 biomedical channels (uroflowmetry, EMG and 4 pressure channels), control of the cystometry pump and profilometry puller.
   Possible configuration:
   a. Urodynamic unit placed on an adjustable examination couch
   b. Urodynamic unit inbuilt into a trolley
   c. Mobile table urodynamic unit (with a case for easy transport between doctors’ offices)

2. External module:
   a. Ultrasound module EchoJive (CFM or PD), or Echo Samba (B/M mode; module can be used separately without the urodynamic unit
   b. Standard uroflowmeter or wireless uroflowmeter with stand
   c. EMG module
   d. Option: examination commode for urodynamic and uroflowmetric examination of women
   e. Accurate cystometric pump
   f. Waterproof profilometric puller with sterilizable holder of catheters