



MODULAR URODYNAMIC SYSTEM

PICOsmart™ is based on an advanced acquisition module called **SAU-URO**, with powerful capabilities.

It can be based on one trolley (all-in-one-system) or upon 2 units connected via **Bluetooth**.





PRESSURE CHANNELS

PICOsmart™ is compatible with perfused catheters, air-charges and solid-state catheters like those manufactured by Unisensor, Gaeltec and others.



UROFLOWMETER

The uroflowmeter is connected to the acquisition board either through a cable 5 m long or by a wireless module, so that it can be placed in a private place to make the patient more comfortable.

PULLER

The mechanical catheter puller is controlled via software or through an infrared remote control.



ACQUISITION UNIT

The acquisition unit has up to 16 channels: pressure, electromyography, flow and volume. It also includes a peristaltic pump with 4 rollers.



COMMODE CHAIR

Adjustable and easy to clean.



CONFIGURATION

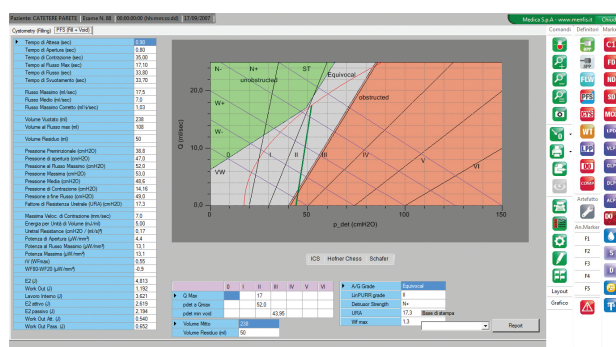
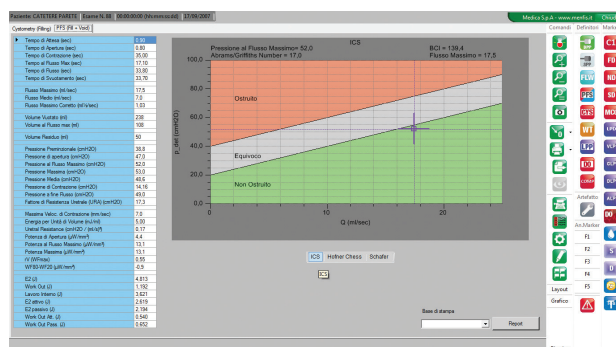
In the all-in-one configuration, the trolley is based on 4 pivoting wheels (with brakes), 1 keyboard tray, 1 printer tray and a large storage tray. The PC is fixed via VESA attachments. The acquisition unit is fixed to the rear of the trolley and the transducers are fixed to the front. In the 2-trolley version, the patient unit (connected via Bluetooth), the transducers and any accessories are fixed to a stand with 5 wheels.



PICOsmart™ WORKS WITH THE SOFTWARE PACKAGE PICO3000

PICO3000 is a program that carries out and analyses all the urodynamic studies in few stages. It includes the following features:

- database (SQL compatible);
- automatic medical reports based on pre-set and customized templates;
- studies results, graphs and raw data available on MS Office (Excel, PowerPoint, Word);
- advanced analysis of pressure flow studies, cystometry and flowmetry;
- the main nomograms such as ICS, Schafer's nomograms, Abrams and Griffith's plot, Gohniem, Liverpool nomograms, Siroky nomograms, Blaivas and Groutz.



VERSATILE AND READY FOR ANY SETTING

RISK-FREE STUDIES

Thanks to the automatic *save & resume* feature, the study interrupted for any reason, including a blackout of the mains, can be easily resumed.

SURFACE IMPEDANCE (KOHM)

Electromyography with checking of the skin impedance to ensure good signal recording.

MORE FEATURES

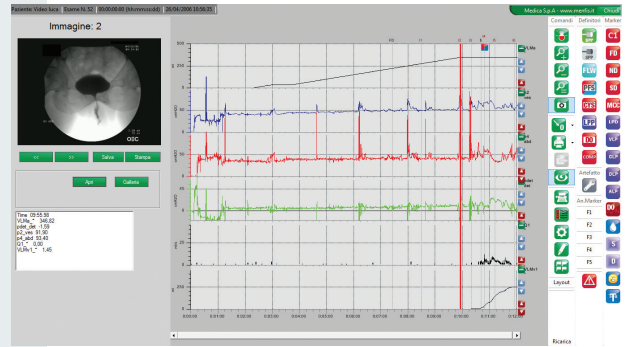
- Advanced statistics function;
- export the data to MS Excel;
- automatic artefact rejection;
- PICO3000 is designed to be part of a network and is compatible with DICOM and HL7;
- thanks to the capability to review the history of the study, the operator can recall the acquired traces while performing the study.

A DIAGNOSTIC SYSTEM THAT GROWS ACCORDING TO YOUR NEEDS

PICOsmart™ can be expanded with the following options:

- video-urodynamics to combine x-ray or ultrasound images and short movies with the urodynamic tracings;
- biofeedback for the pelvic floor rehabilitation;
- oesophageal and anorectal motility to assess the gastrointestinal motility.

For extended functionality, PicoSmart can be combined with the module of neurophysiology (sold separately) to study the pudendal motor nerve latency, sacral reflexes, simple EMG and quantitative EMG.



DISTRIBUTOR

MANUFACTURER

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