

PICO smart



Pico Smart 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**

MEDICA



PRESSURE CHANNELS

Pico Smart 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 acquisition board either by means of a cable 5 m long or by a wireless module so that it can be put in a private place to make the patient more comfortable.

PULLER

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



ACQUISITION UNIT

The acquisition unit has up to 16 channels: Pressure, Electromyography, Flow and Volume; It includes a peristaltic pump with 4 rollers.



COMMUNE CHAIR

Adjustable and easy to clean.



CONFIGURATION

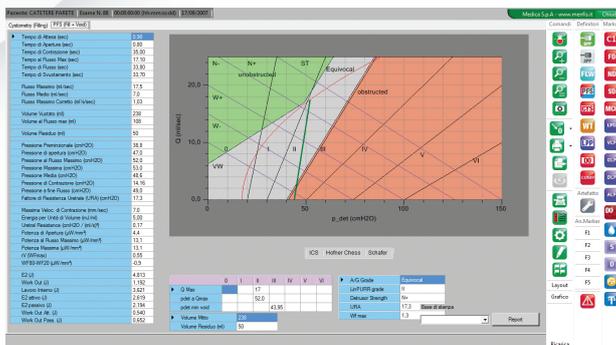
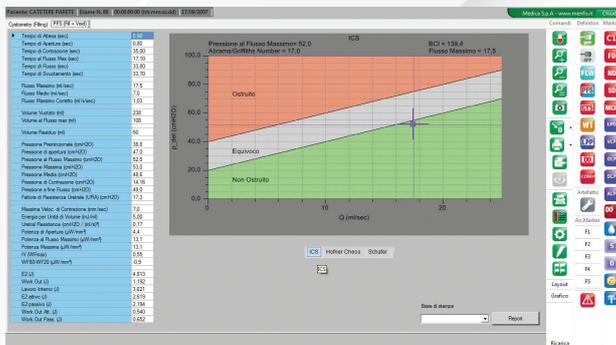
In the all-in-one configuration, the trolley is based with 4 pivoting wheels (with brakes) 1 keyboard tray, 1 printer tray and a large storage tray. The PC is fixed via vesa attachments. The acquisition unit fixed to the rear of the trolley and the transducers fixed to the front. In the 2-trolley version,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

PICO SMART WORKS WITH THE SOFTWARE PACKAGE PICO3000

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

- Database (MS Access/SOL compatible)
- Automatic Medical Reports based on pre-set and customized templates
- Studies results, graphs and raw data available on MS Office (Excel, Power Point, Word)

Advanced Analysis of Pressure Flow Studies, Cystometry and Flowmetry. It includes the most important nomograms such as ICS, Schafer's nomograms, Abrams and Griffith's plot, Gohniem, Liverpool nomograms, Siroky nomograms, Blaivas and Groutz.



RISK-FREE STUDIES

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

SURFACE IMPEDANCE (KOHM)

Electromyography with checking of the skin Impedance to ensure good signal recording

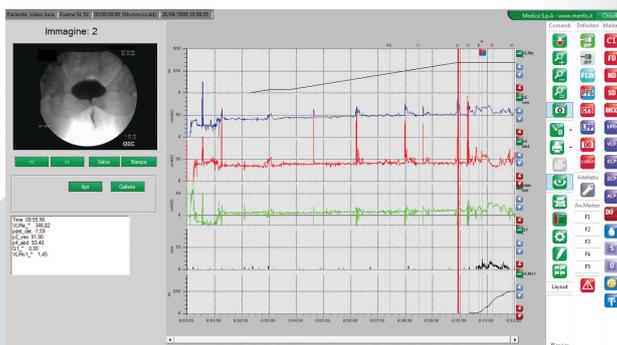
MORE FEATURES

- Advanced statistics function
- Export the data to MS Excel
- Automatic artefact rejection
- PICO3000 is designed to be part of a network. It is compatible with DICOM, 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

PICO SMART 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;
- Module of Neurophysiology: It studies Pudendal Motor Nerve Latency, Sacral Reties, simple EMG and quantitative EMG



CATHETERS

We offer a wide range of catheters and lines developed in close cooperation with the urodynamicists to combine the maximum comfort of the patient with the best possible measurements. The catheters are made in high quality materials like PEBAX and PVC, widely tested to meet the needs of the Urodynamic studies. More information can be find in the catalogue "Urodynamic catheters and lines" or visit our web site www.medica.it

*Technical data can be changed without any notice

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