

Pico Smart

The Handy Urodynamics



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**



PRESSURE CHANNELS

Pico Smart is compatible with perfused catheters, air-charged and solid-state catheters like those manufactured by Unisensor, Gaeltec and others

PULLER

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



UROFLOWMETER

The uroflowmeter is connected to acquisition board either by means of a cable 8 m long or by a wireless module so that it can be put in a private place to make the patient more comfortable



TROLLEY



COMMODE CHAIR

Adjustable and easy to clean

In all-in-one configuration, the trolley has 4 pivot wheels (all with brakes) and 2 shelves. It is provided with an IV shaft to hold the acquisition unit, the catheter withdrawer and the pressure transducer module

ACQUISITION UNIT

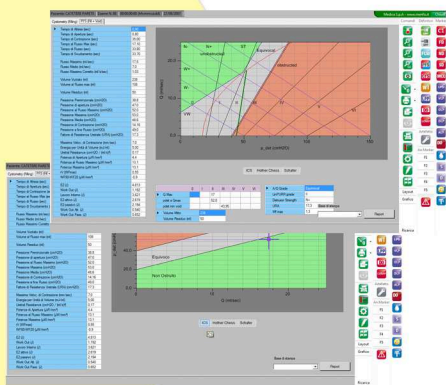
The Acquisition unit has up to 16 channels: Pressure, Electromyography, Flow, Volume and Leak Point Detector; It includes a peristaltic pump with 4 rollers. The microprocessor has high sampling rate capability



PICO SMART 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 (MS Access and SQL compatible)
- Automatic Medical Reports based on pre-set and customized templates
- Studies results, graphs and raw data available on MS Office application (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.
- Thanks to the capability to review the history of the study, the operator can recall the acquired traces while performing the study.
- PICO3000 is designed to be part of a network. It is compatible with DICOM, HL7 and other standards

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
- Whitaker test to study the functioning of the upper urinary tract
- Cavernosometry to study the erectile disorders (not available in USA)
- Module of Neurophysiology; It studies Pudendal Motor Nerve Latency, Sacral Reflexes, 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 PEBA and PVC, widely tested to meet the needs of the Urodynamic studies. Require the catalogue "Urodynamic catheters and lines" or visit our web site www.menfis.it

** Technical data can be change without any notice*



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