

UMS DYNAMIC Proxima



Urodynamic modular system DYNAMIC Proxima

is a multichannel computer system of a modern concept. This system is based on the concept of All in One, where everything is integrated in one rack. The system is equipped with a rotary table for maximum operator comfort.

The system allows complete urodynamic examination of the lower urinary tract. A record evaluation enables to the doctor to determine a dysfunction of urethra or detrusor, to choose the adequate treatment method according to the incontinence type.

Urodynamic system is suitable both for gynecological and urological ambulances or hospital facilities.

For data displaying and processing, system DYNAMIC utilizes a classical All in One computer with touch screen or portable notebook which can be used also separately, with no need to disconnect cables. This concept enables to utilize computer effectively not only for urodynamic measuring but also for common office work.

Standard warranty is 5 years.

up to **7**
years warranty

UMS DYNAMIC Proxima



- + Advanced ergonomic design (all on one stand)
- + 8 universal channels (P,V) + 2 EMG + Video module: synchronous video recording and replaying
- + Measuring modes: Cysto/Profilometry, UFM, PQ, EMG, F/V, VLPP, BLPP, LTUP, AP, RM, VVA, Biofeedback + Other

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Urodynamic modular computer system DYNAMIC Proxima provides for all basic urodynamic measurements, i.e. Cystometry, Proflometry (quiescent and stress), Uroflowmetry, PQ studies and EMG, as well as special modes: F/V (Filling/Voiding Cystometry), VLPP (Valsalva Leak Point Pressure), BLPP (Bladder Leak Point Pressure), LTUP (Long Time Urethral Pressure), AP (Anal Proflometry), RM (Rectal Manometry) and also EMG biofeedback with a motivating game for children. The system also allows you to create your own measurement modes.

DYNAMIC Proxima is designed in compact layout (all on the one stand) what, together with an independence on the power line, ensures an easy mobility of the device.

DYNAMIC Proxima utilizes an exact infusion pump for filling and/or perfusion, as well as a special weighing unit for exact measuring (instead of computing) of used infusion solution.

DYNAMIC Proxima enables measuring and displaying of measured quantities, their processing and evaluating by the form of graphs and tables, an analysis in the form of graphs (nomograms) and enumerations of special parameters, as well as an automatic diagnostics based on all data available. The relevant results are printed in color by the form of graphs and tables and archived on the computer together with personal data of patient and eventual videorecords and snaps gained from external sources of synchronous picture (SONO, RTG etc.).

DYNAMIC Proxima can be equipped by HW and SW instruments for direct connection with our technical site in the real time, which enables operative solution of most user problems, flexible upgrade of application software, mutual data exchange in the case of user demands for the special modifications of SW, database and the like.

DYNAMIC Proxima can be supplied by 3D vector projection (Volume Vector Analysis).

DYNAMIC Proxima can be also equipped by VIDEO module – for screening, archiving and replaying of videorecords from external sources of synchronous picture (SONO, RTG etc.).

For urodynamic measurements, we supply user with special measuring catheters UroSet, which are prepared and delivered in a special package containing all component necessary for the measurements (connecting hoses, infusion sets etc.).

We try to cooperate permanently with our users - doctors by our own initiative. According to their suggestions and tips, we continuously complement and upgrade our urodynamic system. We appreciate any cooperation on the development and verification of new examining methods that could be integrated to our system.

