



**WIEST**  
UROPOWER

## The new Urodynamic Measuring System

### Jupiter 8000-II

#### Technical Data

##### Work Station

Operating System Windows XP Pro  
Processor Intel Dual Core,  
Min. 3000 Mhz  
Disk 250 GB SATA/2  
Memory 1 GB  
Network 10/100 Mbit  
Ports 6 USB, 1 Serial

##### Measurement System

16 channel measurement – configurable  
Integrated Roller pump – 1-200 ml/min

230 V +/- 10% / 70 VA

Class IIa Annex IX of the European  
Directive for Medical Devices (CE-MDD  
93/42/EEC and meets the standards  
EN 60601-1 and EN 60601-1-2

Technical data relies on modifications,  
improvements and revision and can be  
changed without special notice.



## The Urodynamic Measuring Device Jupiter 8000-II

### The Product

The Jupiter 8000-II is a revolutionary, urodynamic measuring device. The patient and IT units can be placed up to 30 meters apart due to the wireless connection of all units.

Even very complicated and complex examinations can be done easily because the Jupiter 8000-II is the achievement from over 25 years of the urodynamic experience of WIEST.

The technological, highly developed and individually manageable software guarantees accurate results and is easy to use.

Due to the multi-user database, different treatments can be realized with this system. Individual measuring programs with their own color codes can be installed for the user so the system can meet your individual needs.

- Newest industry technology with the Intel Pentium Dual Core Processor
- Windows XP Operating System
- Wireless connection between the patient unit and the measurement device
- Portable patient unit with wheels

### The Measurement Device and Program

- Standard measurement programs for the uroflowmetry, cystometry and profilometry in combination with EMG
- Individually definable measurement programs
- Choose between different colors and layouts of measuring channels
- Many databases for different hospitals
- Urinary Leakage Detection (UDL), Whitaker Test and Leak Point Pressure
- Transmission diagram and decomposition coefficient for stress incontinence

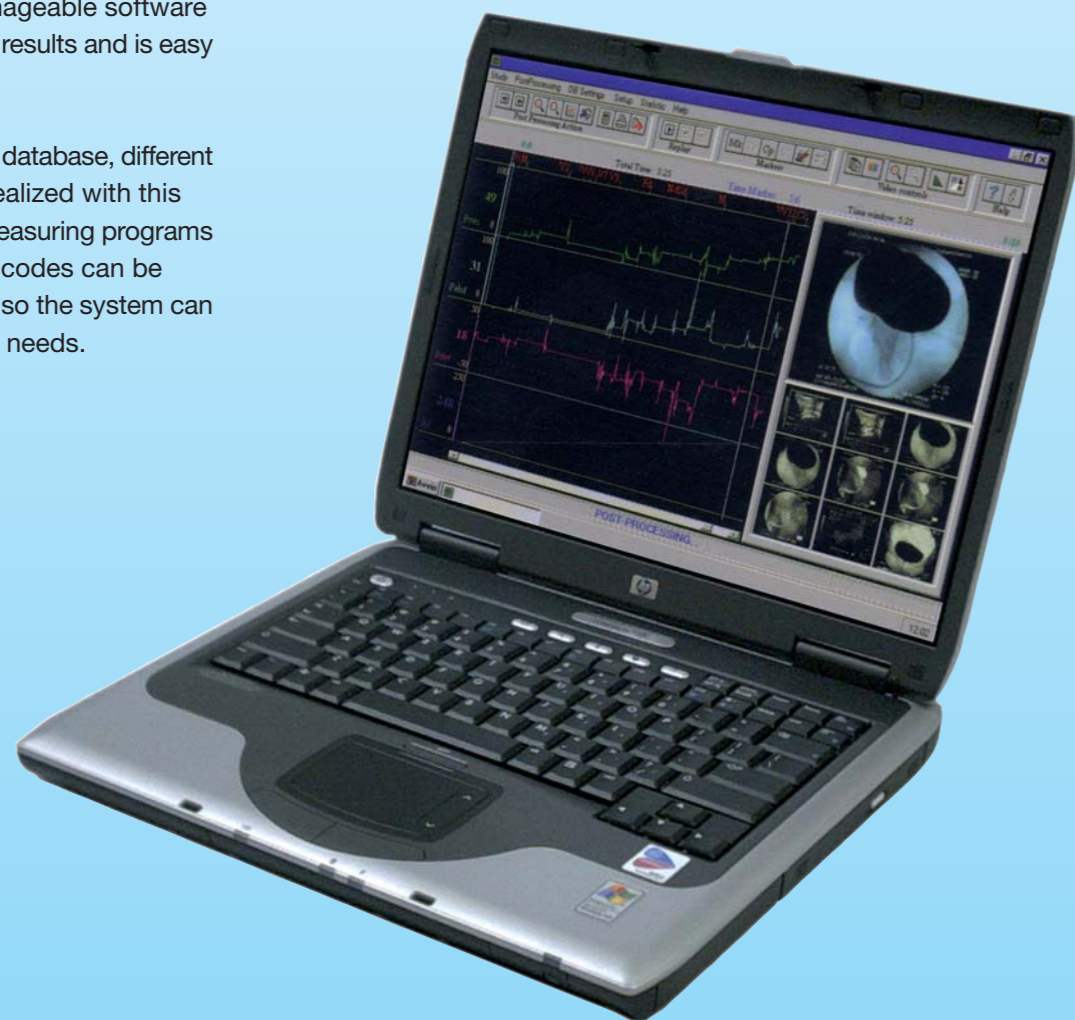
### Additional Options

- Optional wireless uroflow measuring device
- Video urodynamic with still pictures and video sequence
- Neurodynamic measuring program
- Voice commands

### The Measuring Device for all needs – individual and practical

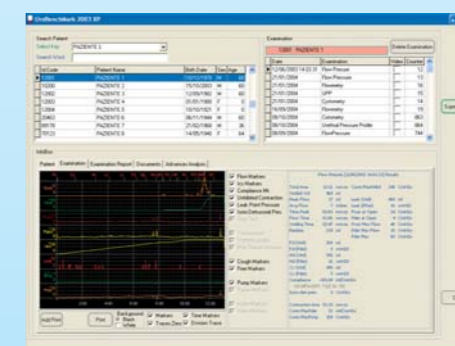
A wide range of additional parts are available including the LCD monitor (17"), network cards, web cams, DSL/ISDN connection and an insurance card reader.

The Jupiter 8000-II can be used from a desktop computer or from a portable laptop computer. In either case, the data transmission to the base unit and uroflow device is wireless.



### Real Time Result

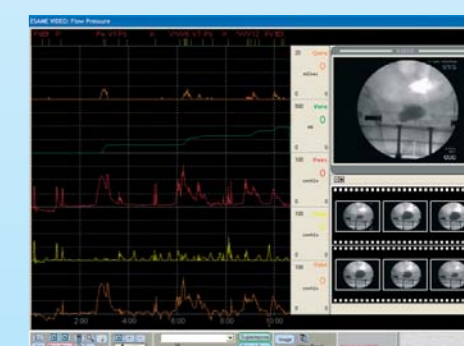
The software has been developed especially for urologists, gynecologists and pediatric urologists to allow accurate and fast diagnosis. The Jupiter 8000-II measures and saves data and information according to international standards and shows, depending on the examination, the relevant data. The user can decide which color, style or print layout should be used. The statistical feature allows comparison-of



archived information to these results in a graphical display in different colors.

With this option, the results can be displayed, presented and printed according to your individual needs.

The included video function allows the examiner to record single video shots or whole sequences in real time. This is used to detect bladder dysfunction



which cannot be determined by other means (i.e. therapy resistant urge symptoms and especially neurogenic bladder dysfunctions). With this method, simultaneous video recordings during filling as well as during voiding easily can be exported into different formats.