The new Urodynamic Measuring System

**Jupiter 8000-II**

### Technical Data

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

#### Measurement System
- 16 channel measurement – configurable
- Integrated Rollerpump – 1-200 ml/min
- 230 V +/- 10% / 70 VA

Class Ila Annex IX of the European Directive for Medical Devices (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.

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**Ergonomic, Practical and Efficient**

**The Urodynamic Measuring Device**
**Jupiter 8000-II**

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<td>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.</td>
<td>~ 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 ~ 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 (ULD), Whitaker Test and Leak Point Pressure ~ Transmission diagram and decompression coefficient for stress incontinence</td>
<td>~ Optional wireless uroflow measuring device ~ Video urodynamic with still pictures and video sequence ~ Neurodynamic measuring program ~ Voice commands</td>
<td>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.</td>
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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.

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

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.

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.

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- Video urodynamic with still pictures and video sequence
- Neurodynamic measuring program
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