

Uroflowmeters

Precision - Quality - Choice



- **Flowmaster**
PC based wireless Uroflowmeter

- **Solar Uroflow**
Wireless Uroflowmetry system with wireless EMG and network capability



- **Flowstar**
Compact digital Uroflowmeter



Flowmaster

PC based wireless Uroflowmeter



Flowmaster Highlights

- Wireless, small and lightweight
- Fully automated uroflow recording and analysis
- Automatic artifact detection
- Automatic flow and volume scale selection
- Patient database for secure storage of uroflow data
- Up to 7 Flowmasters (used simultaneously) can be operated from one computer, providing an optimal solution for very busy urology departments
- Printing of full color reports with patient data, results, graphs, nomograms, comments and hospital logo
- Available with a height adjustable uroflow stand and/or a choice of micturition chairs



Flowsensor on a height adjustable flow stand under a micturition chair

Flowmaster is a computer based wireless flowmeter for quick, easy and convenient uroflowmetry.

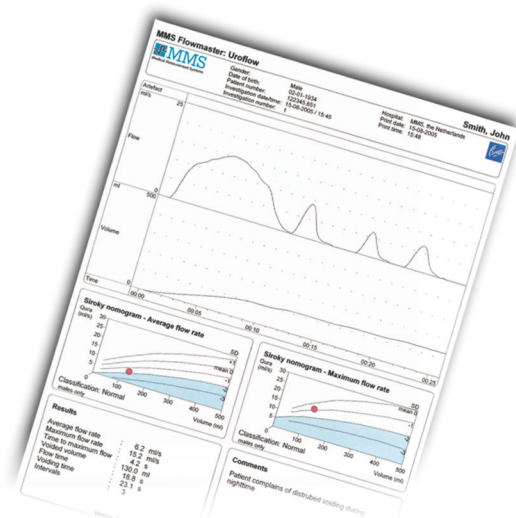
Using Bluetooth® technology, Flowmaster has a wireless link between the battery operated flow transducer and the PC/laptop. No more need for cables! The flow transducer can be placed in another room or a toilet for optimal patient privacy. Patient data and uroflow recordings are stored on the PC or laptop.

With ease of use as a priority, Flowmaster starts recording automatically when the patient starts voiding. A special software algorithm automatically reduces artifacts and selects the optimal flow/volume scales. Pre-flow and post-flow times are user selectable.

Flowmaster uses a standard Windows® based laptop or PC*, which can be used simultaneously for normal office work. Uroflow data is stored in an easy to use patient database.

Reports can be customized and printed in full color, containing patient data, results, graphs, nomograms, comments and a hospital logo.

* Windows XP, Windows Vista, Windows 7 or Windows 8 (64bit)



Solar Uroflow

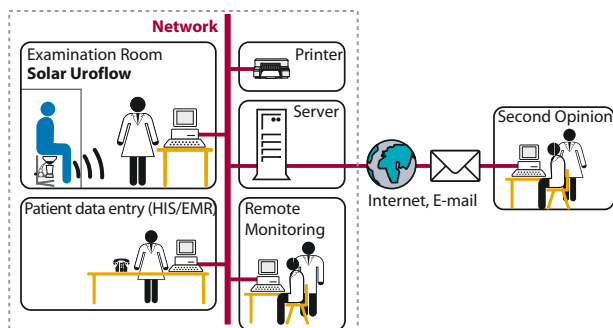
Wireless Uroflowmetry system with wireless EMG & network capability



Solar Uroflow is designed to become part of a network of multiple Solar Urodynamic and/or Solar Uroflow units. Data from all Solar units on the network are consolidated in one central database. This makes it possible to enter patient data, perform investigations and analyze results on different PCs in different locations.

For example:

- Patient data entered at the reception desk
- An investigation performed using the computer in the investigation room
- Results analyzed and printed from the PC in the doctor's or nurse's office



Using Bluetooth® technology, the Solar Uroflow has a wireless link between the battery operated flow transducer and the PC/laptop. No more need for cables! The flow transducer can be placed in another room or a toilet for optimal patient privacy.

Solar Uroflow Highlights

- Extended patient database for secure storage of a large number of uroflow studies
- Network capability
- HIS/EMR link coupling possibilities
- Can be combined with the Solar wireless EMG module and Scanmaster
- Automatic artifact detection
- Printing of full color reports with patient data, results, graphs, nomograms, comments and hospital logo
- Available with a height adjustable uroflow stand and/or a choice of micturition chairs



Solar Uroflow can include wireless EMG, and also the Scanmaster, a USB ultrasound bladder scanner. This would provide a total uroflow solution with Post Void Residual (PVR) and bladder images integrated into a report.

The software includes an extended patient database to store and analyze a large number of uroflowmetry investigations. A Query Module can be added for interrogation of the database and export of data to statistical analysis software.

It is also possible for Solar Uroflow to be linked with the Hospital Information System (HIS) / Electronic Medical Record (EMR), for automatic patient data (demographics) import and/or export.

Flowstar

Compact digital Uroflowmeter

Flowstar is a compact and portable digital flowmeter designed for practical everyday uroflowmetry, where ease of use, precision and low cost are top priorities.

Recording starts automatically when the patient starts voiding. Flow/volume scales can be adjusted and the pre-flow and post-flow times are user selectable. Siroky flow plots can be printed to diagnose normal or obstructed urinary flows.

The digital weight sensor can be mounted on a height adjustable uroflow stand, and/or placed under a micturition chair. The lightweight thermal printer unit of the Flowstar is connected by cable and can be up to 10 meters away from the uroflow sensor.



Flowstar

Flowstar Highlights

- Automatic start-stop
- Real-time print-out in portrait or landscape mode
- Reprint of report
- Siroky flow plot
- Flow and volume scales can be adjusted
- User definable pre-and post flow time
- Automatic artifact detection software
- High precision digital weight sensor
- Easy to clean

Uroflowmeter comparison

Specifications	Flowstar	Flowmaster	Solar Uroflow
Automatic start	●	●	-
Automatic stop	●	●	●
Automatic artifact reduction	●	●	●
Siroky flow plot	●	●	●
Liverpool & Miskolc nomograms	-	●	●
High accuracy digital weight sensor	●	●	●
Wireless uroflow recording	-	●	●
Thermal paper print-out	●	-	-
(Color) print-out on A4/legal paper size	-	●	●
Export of report to PDF and JPEG	-	●	●
Export of report to Word and Excel	-	-	●
Operate up to 7 flow sensors from 1 PC/laptop	-	●	-
Patient database (Flowmaster)	-	●	-
Extended patient database (Solar)	-	-	●
Network solutions	-	-	○
HIS/EMR coupling	-	○	○
Combination with wireless EMG module	-	-	○
Combination with Scanmaster	-	○	○
Height adjustable flow stand	○	○	○
Micturition chair (Adult & Pediatric)	○	○	○

● = included ○ = optional - = not available

Complete range of urodynamic solutions

Laborie offers a complete range of urodynamic systems, providing a high level of versatility and a customized solution for every practice! Our broad range of catheters, pressure transducers, filling tubes and EMG accessories completes our urodynamic product line.



Nexam Pro, wireless professional urodynamic



Luna, ambulatory urodynamic

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