



[CONUS]

PC FLOW

The new benchmark for uroflow systems

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In the past few years, urodynamics has developed into a sophisticated high-tech discipline. Electronically controlled measurements of complex functions provide reliable data for well-founded diagnoses.

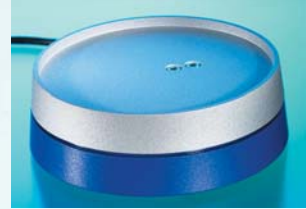
However, flow rates are still largely measured in the conventional way. This can result in measurement inaccuracy when patients unintentionally knock against the flow meter, producing artefacts that falsify the reading. Furthermore, the results are not always replicable.

The precise and cost-effective solution

The measurement of flow rate and volume is part of any standard urological examination. It should thus ideally be carried out rapidly, conveniently, and precisely.

Andromeda has developed the CONUS, a uroflow system that fulfils these criteria in a unique way.

- The artefact detector ensures that the device is insensitive to vibration during micturition. Precise measurements are assured.
- The modular configuration allows users to conduct extensive diagnosis at the PC, or to print out results on a connected printer.



The new standard for basic urodynamics

One system. Two options.



- CONUS plus PC

The system for convenient analyses and data management



- CONUS Home-Flow

The system for straightforward home use with subsequent analysis



Convenient CONUS Home-Flow system

The CONUS is so compact and simple to operate that your patients can conveniently carry out nocturnal or periodical measurements over an extended time at home. The CONUS Box stores all the data ready for analysis via printer or PC at your office.



Wireless

Integration into the PC network is either via a hard cable or wireless connection.

Wireless data transfer covers a range of up to 200 metres, even through rooms insulated for x-ray equipment.



The first Windows-based uroflow solution

The CONUS is the first uroflow system to use the AUDACT Windows-based analysis software as standard.

By connecting a PC you have a complete integrated uroflow system at your disposal.

- Supports the ICS file format, allowing replicable results
- Straightforward linking of the results to other urodynamics data
- On-line display of flow graphs on the screen
- Network compatibility allows efficient patient management.



The AUDACT system

The AUDACT analysis software runs under Windows and is remarkable for the flexibility and extensive features it offers. It is programmed as an MS-Access data base. Patient data, lists, and statistics can easily be analysed and archived.

A complete analysis to all ICS standards can be completed quickly and simply using a desktop mouse. The basic version of AUDACT is supplied on CD-ROM at no extra cost with the CONUS.





Basic Equipment

- Transducer
- Push-button pad
- Collecting beaker
- Controller
- Mains cable
- Serial data cable
- CD with AUDACT program
- Operating instructions and service manual

Accessoires

- Funnel stand
- Micturition commode
- Printer



Technical specifications

Uroflow transducer:	high-resolution
Flow range:	0 - 200 ml/s
Volume range:	0 - 1500 ml
Resolution:	0.3 ml/s
A/D converter:	24-bit delta converter with 64-Hz sampling rate
Digital filter:	1-channel FIR filter output bandwidth 2.5 Hz impulse correction filter, artefact filter
Operation:	manual via push-button and automatic start/stop
Graph scaling:	5 -'D0 200 ml/s (selectable or automatic)
Time scaling:	automatic
Measurement time:	> 1 h
Analysis:	ICS standard
File format:	ICS, AMFF
Internal storage:	1 Mbyte (100 home flows approx.)
Print-out:	A4, colour, user data & logo
Data communications:	RS232 interface to PC, online graphs
PC analysis program:	AUDACT Free, Easy, Pro, Video
CPU & operating system:	80386 or later, DR DOS
Mains supply:	85-264 V AC, 47-63 Hz, 10 VA
Controller unit dim.:	230 x 110 x 45 mm
Transducer dim.:	130 x 130 x 40 mm
Total weight:	1.7 kg
Protection category:	1
Protective system:	IP 44
MPG category:	1
Certification:	CE

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