



**tic** Medizintechnik  
research development production

# SMARTFLOW

wireless Uroflowmetry system

diagnosticline



# SMARTFLOW

## powerful & compact

and still easy to handle

Actually, urination in humans would be no different than emptying a container. However, nature has developed a complicated control and measuring system that makes the originally simple urination a complex process. With the **SMARTFLOW** we have developed a measurement system that helps you to decode this complex process. Only a sound diagnosis, based on accurate measurement results, gives you the assurance that the patient's subsequent treatment will be targeted.

### Your needs grow?

The range of versatile options is constantly expanding. Decide also for a worthwhile investment into the future and let also your clinic or practice become better the tic.

## Technical data

Number of input ports: 1 flow sensor	Resolution < 0.5 ml/s
Calibration and equilibration automatic equilibration	Band width Software filter: 1 - 10 Hz
Measurement range 0 - 100 ml/s	Hardware resolution 24 Bit / 1 kHz
Battery powered 4x AA alkaline	Maximum load capacity of the sensor unit 1.100g
Connection Bluetooth® LE	



## At a glance

- Bluetooth® LE
- intuitively operable Windows®-interface
- internal SQL database
- database connection via HL7, GDT and LAN
- high precision measurement data recording
- clear printouts of the measurement data and analyses
- acquisition of measurement values using a high-precision weighing unit
- Nomogram (as an option) according to Siroky et al
- CE-marked and developed in accordance with the European directive 93/42/EEC, IEC 601-1, EN 60601-1