



tic Medizintechnik

Entwicklung Produktion Vertrieb

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 Software, automatic equilibration	Band width Software filter: 1 - 10 Hz
Calibration range +/- 40%	Impedance 1.000 Ohm
Alignment range 0 - 10 ml/s	Hardware resolution 24 Bit / 1 kHz
Measurement range 0 - 100 ml/s	Maximum load capacity of the sensor unit 1.100g



At a glance

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