



digiFLOW - ST2

Advanced Stand-alone Uroflometry

The digiFLOW-ST2 is a compact and Hi-Tech digital Uroflometry system designed for practical, everyday flow studies. An option of the AUTO mode on the front panel to start investigation automatically when the patient starts voiding. The test data is stored in the memory of the Control Unit and can be retrieved any time for printing before the next test starts. The printer provides you with a simple, crisp and clear printout with uroflometry results. It also prints the Surgeon's name, clinic / hospital name on top of the sheet. Graphical flow rate and volume charts are supported by alphanumeric data.



CE 1252

Salient Features

- Fully Automatic or Manual operation
- User Friendly system.
- Uses in-built Thermal Technology Printer.
- The printer requires no maintenance, no ink refilling.
- Prints crisp and clear High Resolution printouts.
- Test Duration up to 2 minutes
- Infinite Stand by time in AUTO mode.
- Multiple tests can be conducted successively without emptying the jar every time.
- Auto / Manual Start & Stop
- Patient Data with test results is stored in the memory and can be retrieved any time for printing before starting the next test.
- Maintenance free
- Printout contains Graph and tabular text data
- Flow Measurement Range : 0~50 ml/sec.
- Volume Measurement Range : 0~750 ml.
- Removes artefact automatically
- Reusable urine collection jar
- High precision sensor for flow and volume
- Micturition chair (optional)
- Upgradation to Urodynamics possible
- Compact & Portable system.
- Choice of Stand and Chair (both optional)

Accessories shown in picture are optional

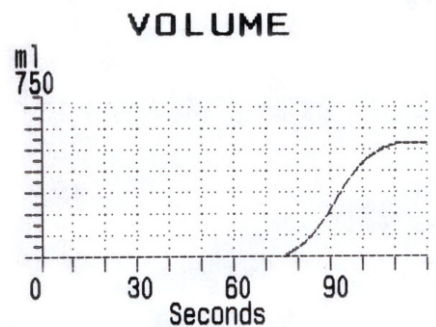
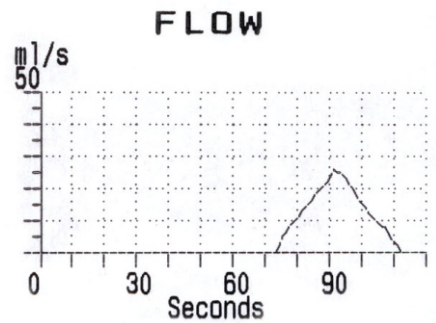
Sample Test Report

UROFLOMETRY

Niram Urology Research Centre
M.G.Road, Mumbai 400 001.

Name:

Date:



Volume : 530ml
Flow Time : 038s
Peak Flow : 26ml/s
Time to Peak: 017s
Voiding Time: 037s
Intervals : 001
Delay : 074s
Avg Flow : 14ml/s

NOTE: Copy the report on a plain paper to preserve.

digiFLOW - ST2 UROFLOMETRY SYSTEM V1.30
Copyright- Apex MediTech, 2000-2008.

digiFLOW - ST2



Technical Specifications :

1. Control Unit	Based on Ultra High Speed Micro Processor
• Supply Voltage	91-256V AC @ 50 Hz
• Power	20 Watts (max)
• Dimensions	265W X 112H X 235D mm
• Weight	3.5 Kg
• Memory type	Volatile
• Memory capacity	One test (Last conducted test till the unit is powered)
• Flow Range	0~50ml/sec.
• Volume Range	0~750ml
• Test duration	120sec.
• LED Indications	Auto/Start, Voiding, Urine present, Jar full, Printing
• Jar capacity	2000ml, Use only supplied plastic jar.
• Key Board	Feather touch, sealed
• Cabinet shoes	Retractable for better viewing
• Sensor cable length	4.5mtr.
2 Sensor Unit	.
• Dimensions	200W X 100H X 200D mm
• Weight	1.3 Kg.
• Sensor type	Load cell
3 Printer	.
• Printing method	Direct Thermal Printing
• Resolution / Print width	203 DPI / 2" (50.8mm) approx
• Paper Loading	Easy Clam Shell type
• Sensor	Paper out detection and indication
• Cutter	Manual
• Paper	digiFLOW ST2 Premium printer paper
4 Report	.
• Printing time (one copy)	30 seconds (approx.)
• Graphical data	Flow in ml/sec., Volume in ml.
• Tabular data	Volume Voided, Peak flow, Voiding time, Flow time, Delay, Time to peak, Intervals and Average flow rate.
• Number of copies	Single or multiple (as many as needed before starting the next test or switching off the system).
• Customised letterhead	Optional

Manufactured by :



Apex MediTech

"Siddhivinayak", Maheshwari Soc.,
Sahakar Nagar No.2, Pune 411 009. India
Tel : ++91(20) - 24222630, 24222634
E-mail : sales@apex-meditech.com

Quality approved to :
ISO 13485:2003
ISO 9001:2008

www.Apex-Meditech.com

Specifications are subject to change without prior notice

digiFLOW - ST2