oruflow

SELF-OPERATING
UROFLOWMETER

oruba
TECHNOLOGY INNOVATION

UROFLOWMETRY

ORUBA ORUFLOW IN FOUR STEPS

1 The patient scans the hospital barcode to start the examination.

2 Oruba Oruflow measures the test parameters, prepares the report, sends the report to the hospital information system.

3 As soon as the urination finishes, Oruba Oruflow prints the results out and cleans itself automatically.

4 The patient can go to the doctor directly and the device gets ready for the next examination in 1 minute.

FUNCTIONS WITHOUT AN OPERATOR

No need for an operator or nurse guidance. The patient does the test in an actual restroom comfort.

CLEANS ITSELF AUTOMATICALLY

Oruba Oruflow technology creates a hygienic and relaxed clinical atmosphere and prevents the unpleasant smell and dirt problem.

INTERNET OF THINGS TECHNOLOGY

Oruba Oruflow's high-developed IoT technology and auto-notification system let Oruba provide online technical service and solve the problem in minutes. Yearly maintenance and software upgrades are done from Oruba HQ.
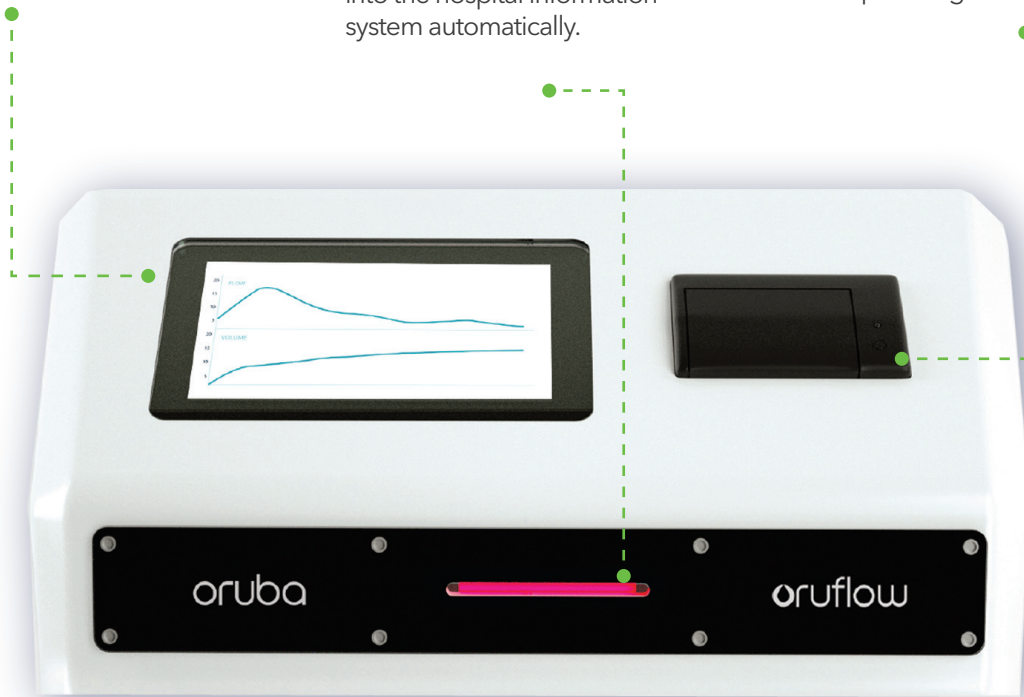
ON-BOARD SCREEN

The on-board screen helps the patients and guides them during the examination.

BARCODE SCANNER

The patient uses the hospital barcode to let Oruba Oruflow save the examination report into the hospital information system automatically.

THERMAL PRINTER

The patient can receive the results of the examination in seconds without any operator guidance.

Oruflow at a glance

- Functions Without an Operator
- On-Board Screen
- Real-Time Remote Access
- Flow Rate: 0 -100 ml/sn *

- Self Cleaning Technology
- Automatic Patient Registration
- High Sensitive Weight Sensors
- Volume: 0 - 1500 ml *

- Hospital Information System Integration
- Low Cost Printing with Thermal Printer
- Wireless Connection

(*) Measurement Uncertatinty: ± 1 ml

CE 2292   FDA   ISO 13485

ORUBA EMG MODULE

Oruba Oruflow has an EMG (electromyography) option, which provides synchronized uroflowmetry and EMG measurements.

The EMG module measures the electrical activity of the muscles before, during, and after urination, while the Oruba Oruflow measures the urine flow rate. The EMG module is wireless, portable, and rechargeable.

BIOFEEDBACK ADD-ON WITH VR

The Oruba biofeedback software is an add-on to the Oruba EMG module, allowing it to be used to treat patients' urinary problems.

In biofeedback, EMG results are displayed using a bird game interface, where the bird flies above obstacles as the patient squeezes their muscles. This gamified testing process is also VR compatible.

	ORUFLOW	ORUFLOW PRO	ORUFLOW EMG	ORUFLOW EMG PRO
Uroflowmetry	✓	✓	✓	✓
HIS Intergration		✓		✓
Audio Guidance		✓		✓
Faster Printer		✓		✓
EMG			✓	✓
Biofeedback				✓

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