SELF-OPERATING
UROFLOWMETRY

ORUBA ORUFLOW IN 3 STEPS

1 The patient scans the hospital barcode via on-board barcode scanner to start the examination.

2 Oruba Oruflow guides the patient via on-board screen, 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 via flush automatically.

FUNCTIONS WITHOUT AN OPERATOR

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

CLEANS ITSELF AUTOMATICALLY

Oruba Oruflow's technology creates a hygienic and relaxed clinical atmosphere and prevents the problem of unpleasant smells and build of grime and dirt by flushing and rinsing. No more manual cleaning of containers and funnels.
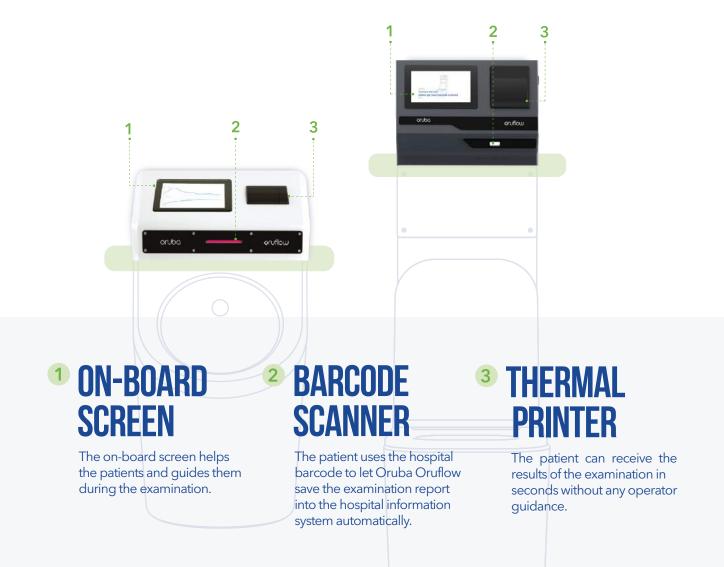
INTERNET OF THINGS TECHNOLOGY

Oruba Oruflow's highly-developed IoT technology and auto notification system let Oruba Technology provide online technical service and solve the problem in minutes. It provides a user-friendly concept for the patients and clinic staff.

CE FDA ISO

1 ON-BOARD SCREEN

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

2 BARCODE SCANNER

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

3 THERMAL PRINTER

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

Oruba Oruflow at a glance

TIME AND COST SAVING	DIGITAL SOLUTIONS	STANDARD MEASUREMENT
Functions Without an Operator	Hospital Information System Integration	Easy Installation
Automatic Patient Registration	Real-Time Remote Access	Highly Sensitive Weight Sensors
Self Cleaning Technology	Digital Transformation	Flow Rate: 0-100 ml/s*
Patient Friendly	Wi-Fi and Ethernet Connection	Volume: 0-1500 ml*

(*) Measurement Uncertainty: ± 1 ml

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 Integration		✅		✅
Audio Guidance		✅		✅
Faster Printer		✅		✅
EMG			✅	✅
Biofeedback				✅

oruba
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sales@oruba.health
www.oruba.health