ARIES S.r.l.
Biomedical Devices

Weightflow

Digital diuresis monitoring system



Weightflow • System for digital monitoring of hourly diuresis

The system allows precise monitoring of hourly diuresis in bed-ridden patients with bladder catheters, guarantees reliable detection, reduces staff time and facilitates data storage.
Device produced and distributed by Aries Srl.



CONTROL UNIT

The control unit allows **continuous monitoring** of the therapeutic effects thanks to the real-time reading of the hourly and entire day diuresis.

MEASUREMENT UNIT

The measurement unit **allows reliable and accurate** drained liquids **detection**.

DISPOSABLE COLLECTION BAG

The system is bounded to the use of dedicated collection bag, with a capacity of 2500 ml, equipped with chamber with **antibacterial filter**, **anti-reflux valve** and a **practical outlet stopcock**.

ADVANCED SECURITY

- **Acoustic and visual alarms** that can be **customized** by operators on the maximum / minimum limit drained in the unit of time.

EASY TO USE

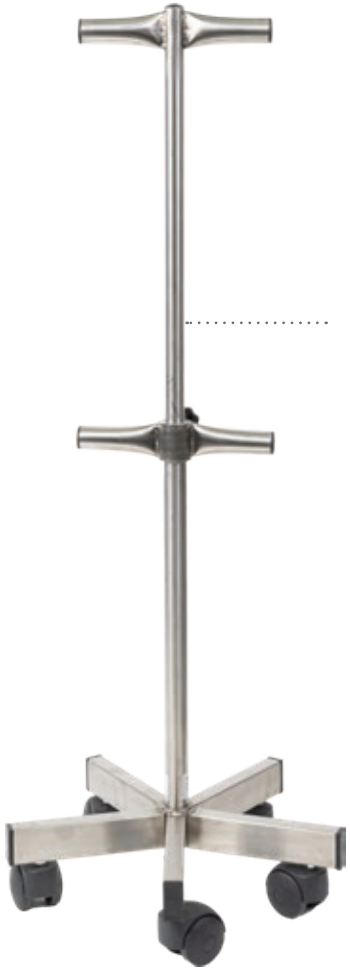
- **Compact design** allows for easy movement and transfer of the device on the support stand.
- Practical and efficient use of the device with the appropriate disposable bags.

DATA STORAGE

- Data storage for up to **20 days** of acquisitions.
- **Bluetooth wireless technology** allows reports to be printed directly from the patient's bed.

Accessories and disposables

The complementary products and accessories offered with Weightflow allow the operator to obtain a complete system for correct and safe monitoring of their patients' diuresis.



SUPPORT STAND

Support stand designed and built to offer **maximum ease of handling** to operators, as well as guaranteeing correct use of the device in conditions of **absolute safety**.

Below are the product codes that constitute the entire monitoring system: Aries has developed a wide range of solutions for its customers, specifically designed to meet the different needs depending on their respective needs.



DRAINAGE BAG

The device is also supplied with the appropriate **2000 ml** drainage bag, equipped with a **practical connection for emptying** the collection bag.



PRINTER

Possibility of printing the patient's clinical data for easy archiving, thanks to the **Bluetooth compatibility** of the portable printer.

Below are the product codes that compose the entire monitoring system:

Codex	Description
498001310-001	WeightFlow - Digital diuresis monitoring system
UR020300	Disposable collection
UR020321	Disposable drainage bag
LC 3000 Dspecial	Accessory 1 - Stainless steel floor stand, with reinforced base and wheels
PT210	Accessory 2 - Compatible BT printer

Technical sheet

Parameters	Description
Destination of use	**WEIGHTFLOW** is an electromedical device with measurement function of organic liquid containe-dinthe patient's disposable bag.
Composition of system	Control unit and measurement unit
Power supply	12 V
Total weight (without bag)	2,5 kg
Risk class	Class I m (device with measuring function)
References Standard	EN 60601-1:2006 + A2:2021, EN 15223-1 : 2016, EN 60601-1-2:2016 + A1:2021, EN 60601-1-6:2010/AMD2:2020 , EN 62304:2006 + A1:2015
Compliance with European Directives	93/42/CEE rev. 2007/47/CE (DM), 2012/19/UE (RAEE) rev. UE 2024/884, 2014/53/EU (RED) 2011/65/EU (RoHS2) rev. 2015/863/EU + (RoHS3)
Accuracy	± 5%
Measurement unit	ml
Flow	From 0 to 2.500 ml
Maximum Bag Capacity	2.500 ml / 2.5 kg
Battery charge indicator	Yes
Bluetooth interface	Yes
Battery life	Up to 5 days

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