

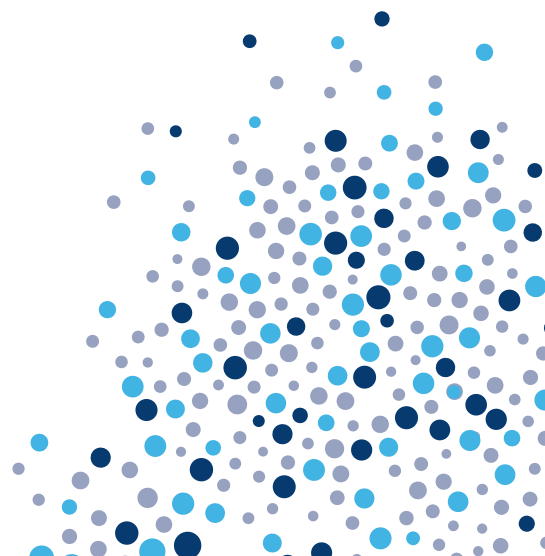


wasserLab

REMOTE DISPENSER AVAILABLE FOR THE PLUS RANGE

TYPE I ULTRAPURE WATER

TYPE II PURE WATER



Remote supply

Adaptable to various configurations

The remote dispensers, with their compact **design**, allow easy and efficient integration into the laboratory environment, optimising the use of available space without compromising functionality. The **intuitive colour touch screen** offers direct access to all essential functions, ensuring quick and easy operation, enhancing the user experience. In addition, the flexible **height adjustment** and its **rotary system** allows filling of different sized containers, providing versatility for various applications within the laboratory. The system ensures continuous or volume dispensing, up to 2 litres per minute, making it an ideal solution for laboratories that require precision, flexibility and efficient use of space.

Compatible with the following models, the remote dispenser is added as an optional accessory to the front dispensing of the equipment, extending the possibilities of use.

Type I Water remote dispenser models:

- Ultramatic Plus GR / GF / DI
- Autwomatic Plus 1+2 GR / GF
- Autwomatic Plus 1+2 GR / GF - EDI

Ref. W-DIS101 (Pedestal support) - Ref. W-DIS103 (Wall)

Type II Water remote dispenser models:

- Autwomatic Plus / UV
- Autwomatic Plus / UV - EDI
- Autwomatic Plus 1+2 GR / GF
- Autwomatic Plus 1+2 GR / GF - EDI

Ref. W-DIS100 (Pedestal support) - Ref. W-DIS102 (Wall)



Quality parameters of the water supplied:

Ultrapure Water (Type I)	Value
Dispensing	Up to 2 l/min
Conductivity at 25°C	0,055 µS/cm
Resistivity at 25°C	18,2 MΩ-cm
TOC ¹	<3 ppb
Sodium	<1 ppb
Chlorine	<1 ppb
Total silica	<3 ppb
Bacterial count ¹	<0.01 cfu/ml
Particulates > 0.22 µm/ml ¹	<1
Endotoxins ^{1/2}	<0.001 EU/ml
RNases ^{1/2}	<1 pg/ml
DNases ^{1/2}	<5 pg/ml

Pure Water (Type II)	Value
Dispensing	Up to 2 l/min
Conductivity at 25°C	<1 µS/cm
Resistivity at 25°C	18.2 MΩ-cm
TOC ^{1/3}	<30 ppb
Bacterial count ^{1/3}	<0.01 cfu/ml
Particles > 0.22 µm/ml ^{1/3}	<1

1. These values are typical and may vary depending on the nature and concentration of the contaminants in the feed water.

2. Ultrapure Water GF (GRUF) Version.

3. UV Version Type II Water Equipment.

The system offers two installation options

Pedestal support dispenser

The stand option provides a solid and stable base for the system, ideal for laboratories that prefer to keep the dispenser on a work surface. This solution is perfect for environments where mobility or quick access to the system is required without the need for fixed installation. The stand ensures that the dispenser is always within reach, allowing for easy integration into any workspace.

Height adjustable

The system is height adjustable, allowing the distance from the point of use to the base to be adjusted. The adjustment options are as follows:

- Maximum distance: 48 cm
- Minimum distance: 20 cm

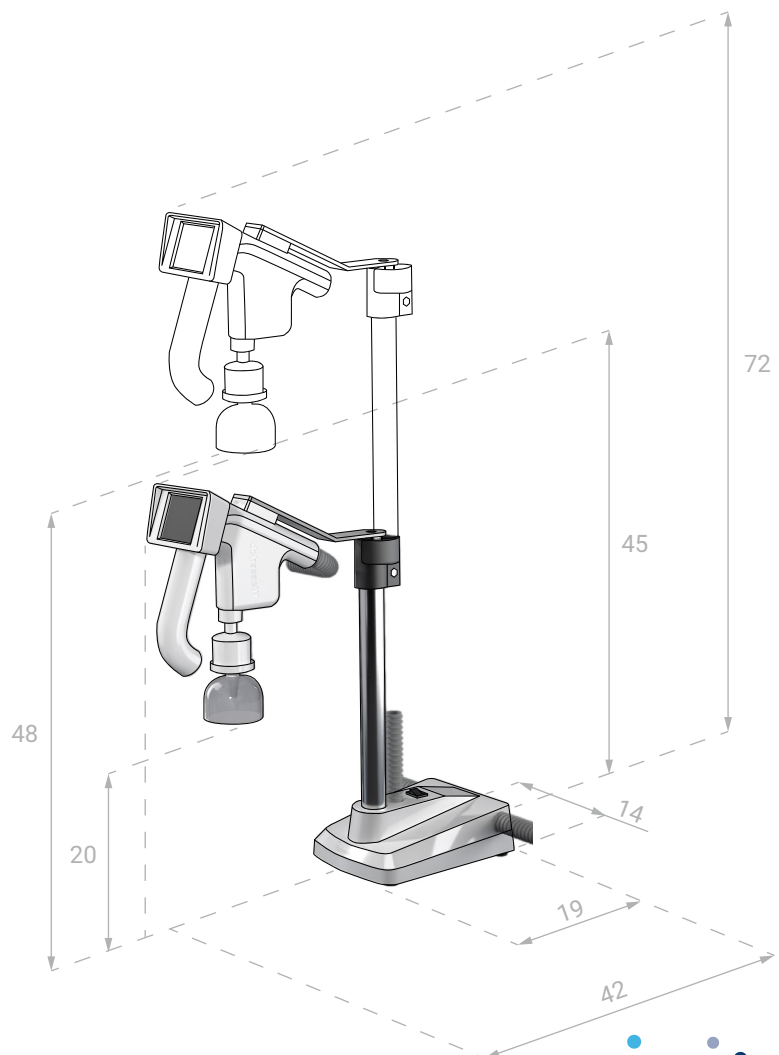
This adjustability provides flexibility to fill different sized containers, ensuring convenience and efficiency of use in various situations.

Specifications:

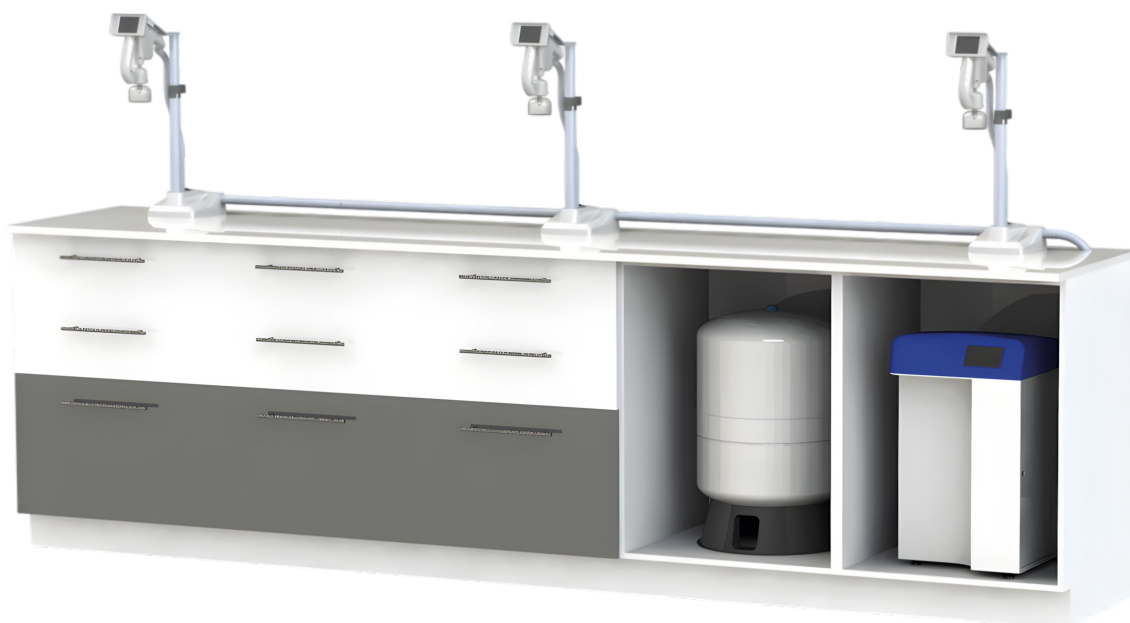
Dimensions

- Height (Max - Min): 45 - 72 cm.
- Base: 14 x 19 cm (width x depth).
- Total depth (including dispenser): 42 cm.

Weight: 5 Kg

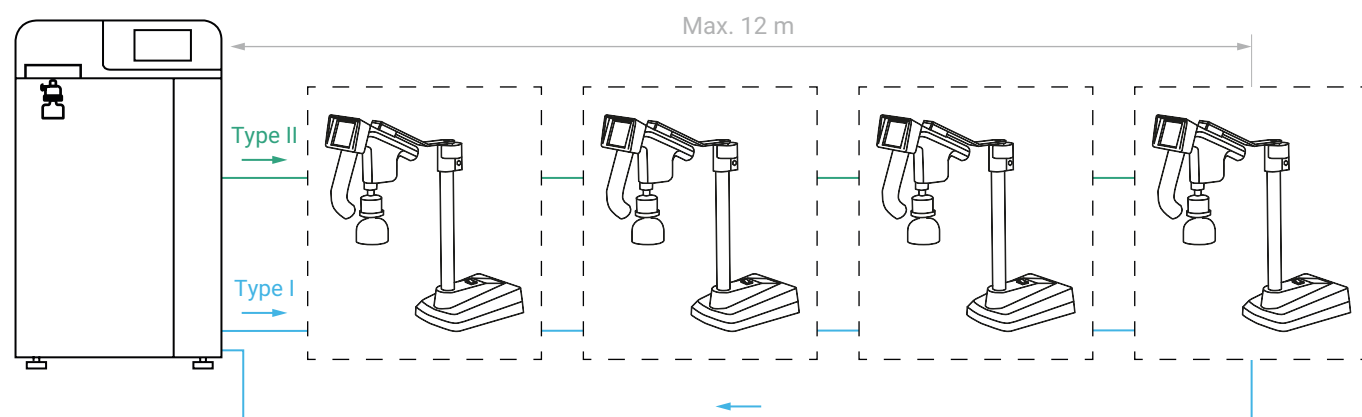


Water Type I: Ref. W-DIS101
Water Type II: Ref. W-DIS100



Configurations

The system allows the connection of up to **4 additional** dispensers to the main equipment, offering a **maximum connection distance of 12 meters**. The standard configuration is **3 meters**, but distances of **6, 9 or 12 meters** are available, depending on the needs of the laboratory. This flexibility in configuration allows for efficient distribution of the water supply to different areas of the laboratory, maximizing the functionality and reach of the system without compromising performance.



Ultrapure Water (Type I)

REFERENCE	DISTANCE TO EQUIP.	NAME
W-DIS101-A03	3 m	Ultrapure Water Remote dispenser (Ultramatic Plus)
W-DIS101-A06	6 m	
W-DIS101-A09	9 m	
W-DIS101-A12	12 m	
W-DIS101-B03	3 m	Ultrapure Water Remote dispenser (Ultramatic Plus 1+2)
W-DIS101-B06	6 m	
W-DIS101-B09	9 m	
W-DIS101-A12	12 m	

Pure Water (Type II)

REFERENCE	DISTANCE TO EQUIP.	NAME
W-DIS100-A03	3 m	Type II Water Remote dispenser (Autwomatic Plus)
W-DIS100-A06	6 m	
W-DIS100-A09	9 m	
W-DIS100-A12	12 m	
W-DIS100-B03	3 m	Type II Water Remote dispenser (Autwomatic Plus 1+2)
W-DIS100-B06	6 m	
W-DIS100-B09	9 m	
W-DIS100-A12	12 m	

Wall-mounted dispenser

Alternatively, the wall-mounted solution allows for more efficient installation by freeing up space on work surfaces. By fixing the system directly to the wall, the available area in the laboratory is maximized, ideal for environments where space is limited. This option offers a secure, fixed installation, ensuring that the dispenser is always in the right position for use, without taking up space on tables or surfaces.

Specifications:

Dimensions:

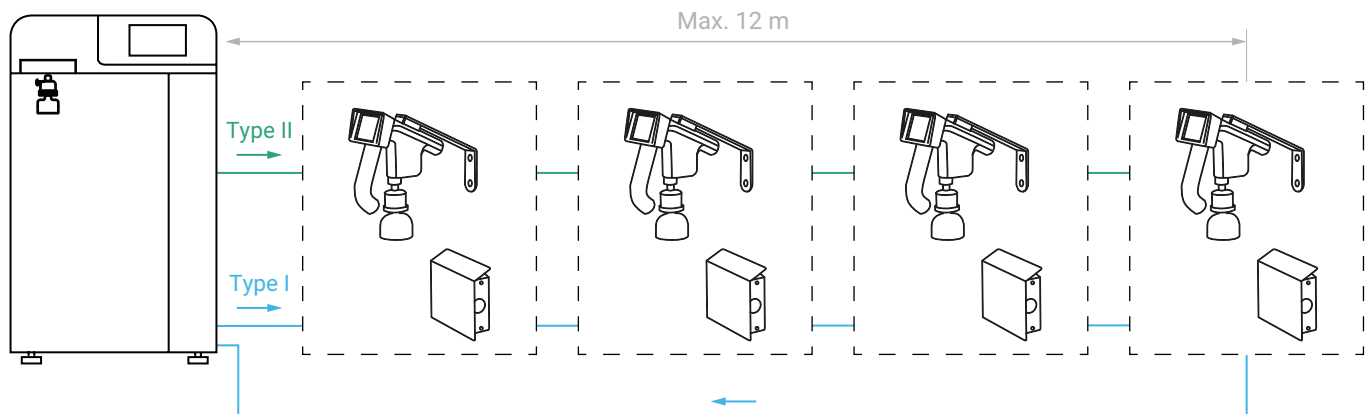
- Junction Box: 16 x 15 x 5 cm (W x H x D).
- Dispenser Support 8 x 18 cm (H x D).
- Dispenser Support + Dispenser: 11 x 25 x 8 cm (W x H x D).

Language Software: English, Spanish, French, Portuguese, Italian.

Voltage: 24 VDC.



Water Type I: Ref. W-DIS103
Water Type II: Ref. W-DIS102



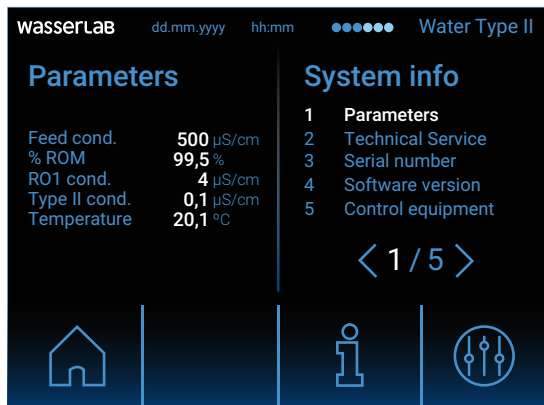
Ultrapure Water (Type I)

REFERENCE	DISTANCE TO EQUIP.	NAME
W-DIS103-A03	3 m	Ultrapure Water
W-DIS103-A06	6 m	Remote dispenser
W-DIS103-A09	9 m	Wall solution
W-DIS103-A12	12 m	(Ultramatic Plus)
W-DIS103-B03	3 m	Ultrapure Water
W-DIS103-B06	6 m	Remote dispenser
W-DIS103-B09	9 m	Wall solution
W-DIS103-A12	12 m	(Ultramatic Plus 1+2)

Pure Water (Type II)

REFERENCE	DISTANCE TO EQUIP.	NAME
W-DIS102-A03	3 m	Type II Water
W-DIS102-A06	6 m	Remote dispenser
W-DIS102-A09	9 m	Wall solution
W-DIS102-A12	12 m	(Autwomatic Plus)
W-DIS102-B03	3 m	Type II Water
W-DIS102-B06	6 m	Remote dispenser
W-DIS102-B09	9 m	Wall solution
W-DIS102-A12	12 m	(Autwomatic Plus 1+2)

Operation and monitoring

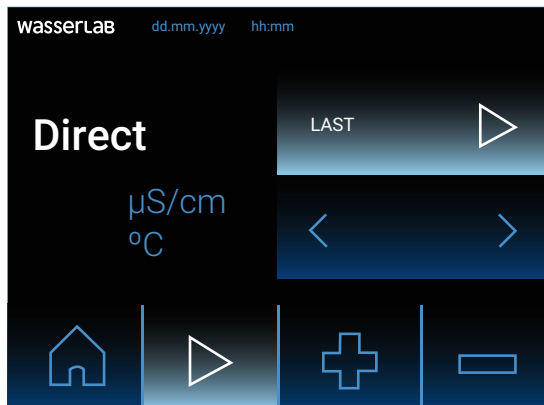


Touch Screen

The unit is equipped with a 2.8 inch colour touch screen, which acts as the user interface. This screen provides a clear visualisation of the control parameters of the water purification process, allowing the user to monitor the status of the system in real time. It also displays the corresponding warnings and alerts, facilitating the management of the process and ensuring efficient and uninterrupted operation.

Monitoring

The Remote Dispenser's microprocessor constantly monitors on screen all the parameters of the purification process and allows the following parameters to be displayed.

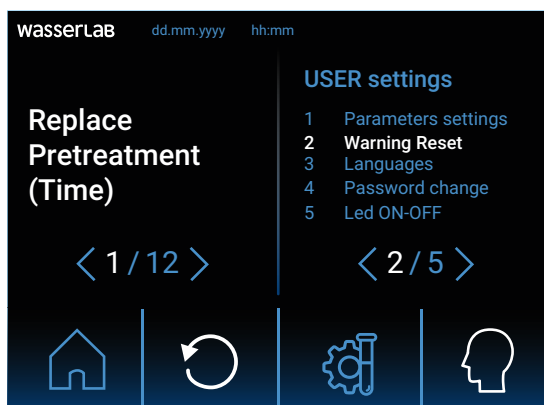


Type II water

- Conductivity measurements (at 25°C):
 - Of the equipment's feed water.
 - Of the permeate water from the reverse osmosis module.
 - Of the Type II water produced.
- Percentage yield of the reverse osmosis module.

Type I water

- Conductivity/resistivity measurements (at 25°C):
 - Measurement in µS/cm of the conductivity (at 25°C) of the incoming Water Type II ($\pm 0.1 \mu\text{S/cm}$).
 - Measurement in MΩ.cm of the Resistivity (at 25°C) of the produced Water Type I ($\pm 0.1 \text{M}\Omega.\text{cm}$).
- Water temperature ($\pm 0.1^\circ\text{C}$).



Dispensing

The device offers the option of both manual and volume dispensing, providing flexibility to suit different usage needs.



Security

The system has a customized **password** set by the user, which provides an additional level of security. This feature allows you to restrict access to certain options, such as the **Device Configuration menus**, ensuring that only authorised users can make adjustments or changes to system parameters. This feature ensures complete control over the device, protecting the configuration and operation of the equipment from unwanted access.

Data logging and output

The main unit allows the **extraction of operating data** from the remote device to an external memory (USB), facilitating the storage and analysis of key information. The report generated includes detailed records on the **quality and quantity of water dispensed**, as well as **warnings and change of consumables** for a maximum period of 2 years. This functionality enables accurate monitoring of system performance and ensures full traceability of processes, contributing to efficient management and compliance with quality standards.

Alerts

The dispenser **automatically alerts on the change of consumables**, depending on the model, ensuring that the equipment is always in optimal operating condition. In addition, the system is designed to notify about **possible anomalies** in the equipment, such as **. Inlet water cut-off or incorrect operation of the measuring probes**. These alerts contribute to efficient preventive maintenance and ensure proper system performance.

Declaration of Product Use: WEEE Directive

In accordance with European Union legislation, this product will be considered **Waste Electrical and Electronic Equipment (WEEE)** once it reaches the end of its useful life.

For detailed information on the recycling and proper disposal of this product, please contact our website.

Quality Assurance to Facilitate GLP and cGMP Compliance

The system has been designed and manufactured to facilitate its integration into regulated working environments such as GLP (Good Laboratory Practices) and cGMP (current Good Manufacturing Practices). Some of its outstanding features include:

- Manufactured under the standards **ISO 9001:2015 and ISO 14001**, ensuring that the product meets the highest standards of quality and environmental management.

- **CE marking:** The equipment has passed rigorous safety and electromagnetic compatibility tests (emission and immunity), carried out by an external accredited centre, which certifies its compliance with European safety and performance standards.
- **Calibration certificate:** The equipment is delivered factory calibrated, guaranteeing its accuracy from the first moment of use. It also allows the adjustment and recalibration of the conductivity meter by means of a certified standard, traceable to the national standards of the Deutscher Kalibrierdienst (DKD) of Germany, ensuring the reliability and accuracy of the measurements over time.



Wasserlab

Water Purification Systems

Wasserlab®

We are manufacturers of **water purification equipment** with an extensive track record in the installation of solutions in **multiple sectors**.

We offer **personalised advice** in the selection of equipment and we provide **comprehensive technical support** to guarantee optimum operation.

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