Ultra pure water production system AQUINITY P10 mod. REAGENT

The Aquinity² P10 System is designed for the production of ultra pure water (0.055 µS / cm) from tap water.

The Aquinity² P10 system is equipped with reverse osmosis (RO) to produce deionized water in the integrated 10 liter storage tank with a production rate of 8 liters / hour.

In the next step, ultrapure water is produced with an optimized mixed bed cartridge combination and can be tapped with a flexible dispenser.

If the water is not used, the automatic recirculation within the Aquinity² system guarantees a permanently high quality of ultra-pure water.

All components of Aquinity² are assembled in a specially designed enclosure.

The system can be easily opened by removing the side panel to access the ultra-pure module and UV lamp.

Aquinity² P10 is available in **two configurations (Reagent and Analytical)** to meet specific ultrapure water quality requirements for different applications.

Integrated bench configuration (BI version)

To save valuable bench space, the system can be ordered as a Bench Integrated (BI) configuration. The system will be installed under the workbench and only the display and dispenser will be mounted on the wall.

Wall configuration

To save valuable counter space, the system can be ordered as a wall configuration. the whole system can be wall mounted with an inclined display.

Options:

Our dispenser allows the controlled volumetric dispensing of water with an increase of 0.1 L and a volume of tap water from 0.1 to 99 L.

The system prevents the containers from overflowing and allows water to be dispensed without supervision.

TOC monitoring during production and intermittent measurements during periods of non-use allows you to check the organic content in the water continuously between 1 and 999 ppb (Version TI).

User interface and software

Logged data and warning messages are displayed on the touch screen monitor.
The software also supports the user with a self-diagnostic module that reduces service times and costs.
The software allows the user to view all information and trace historical values up to 1 year.

Replacement parts:

M7190087: MemPak LS ultrapure module (life sciences)

M7190088: MemPak AL ultrapure module (analytical)
M7921508: UV lamp
M7290065: ProPak R10 pretreatment module
M7190013 *: Final filter, 0.2 µm capsule (* Final filter to reduce endotoxin, DNA + RNase code M7190082)
M7290227: Disinfectant tablets

German production

Technical data

Ultrapure water quality: 0.055 µS / cm; Type I.
Resistivity: 18.2 MΩcm
Total organic carbon (TOC): <10 ppb Reagent / <3 ppb Analytical
Delivery rate: 1.5 l / min
Productivity rate: 8 liters / hour *
Bacteria: <1 cfu / ml **
Particulate matter:> 0.2 µm less than 1 particulate / mL
RNase: <1 pg / ml **
DNAse: <5 pg / ml **

Dimensions: 504 x 340 x 535 mm,
Weight: 16-20 kg,
Power: 110-230V

* pure water cannot be taken
** with microbiological final filter

Feed water requirements

Feed water type: tap water conductivity of the supply water: <1400 µS / cm
inlet pressure: From 1.5 to 6 bar
free chlorine: <0.1 mg / l
Silt density index (SDI): <3
pH: 3 to 9
temperature: 5 to 25 ° C

Code	Description
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