membraPure
WATER · TOC · AMINO · ION

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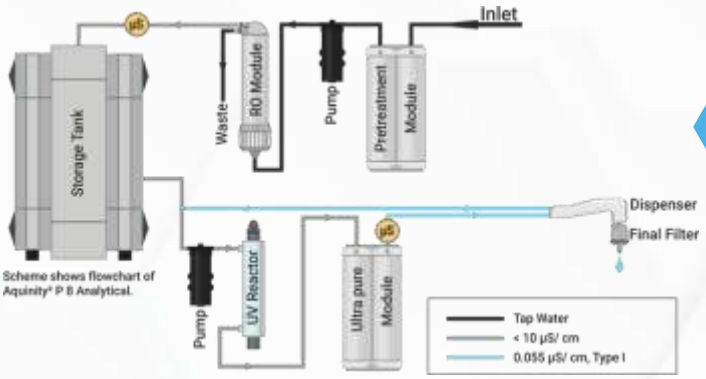
Aquinity² P8

Cost-Effective Ultra Pure Water from Tap Water

The Aquinity² P8 is based on the proven design and purification concept of the Aquinity² P10 and offers the same reliable production of ultra pure water from tap water in a more compact and cost-effective configuration. While maintaining the core purification technology and high water quality standards of the Aquinity² P10, including reverse osmosis (RO), integrated 10 L tank and optimized mixed bed cartridges, the Aquinity² P8 is focused on essential functionalities with the use of an integrated fixed dispenser instead of a flexible dispenser.

Flowchart of Aquinity² P8



Scheme shows flowchart of Aquinity² P 8 Analytical.

Technical Specifications & Requirements

ultra pure water quality	0.055 µS/cm / 18.2 MΩ·cm; ASTM Type I
total organic carbon (TOC)	< 5 ppb
dispensing flow rate	1.5 L/min
production rate	up to 8 L/h
bacteria	< 0.01 CFU/mL*
pyrogen	< 0.001 EU/mL*
particulate	> 0.2 µm, less than 1 particulate/mL
RNAse / DNAse	< 0.5 pg/mL* / < 10 pg/mL* tap
type of feed water	water
feed water conductivity	USP < 2000 µS/cm
inlet pressure	1.5 to 6 bar
pH	3 to 9
temperature	5 to 35 °C

*with microbiological endfilter

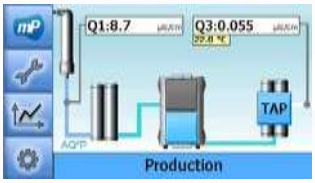
Features

Fixed Dispenser

For the Aquinity² P8, a fixed (non-removable) dispenser is used. The dispensing process is controlled exclusively through the system's display interface.

TOC Monitoring

It is possible to provide the TOC concentration (total organic carbon) of the product water. For the Aquinity² P8, the option is always included. The TOC value analysis has to be started manually.



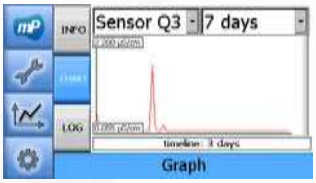
User Interface

Currently recorded data and warning messages will be displayed on the touch screen monitor. The software furthermore supports the user with a self-diagnostic module which reduced service time and costs.

Main Screen

The Software allows the user to see all information, to use the maintenance tool, and track back historical values up to 1 year.

Helpful tools to maintain system



Values trackable for up to 1 year

Customers are warned when limit is reached and service is necessary.

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