

Aquinity² P10 water treatment

for the production of ultrapure water from tap water with integrated reverse osmosis system



item number: 10111502



fields of use:

- cleaning and disinfection machines, laboratory washers, sterilizers
- reagents, analytics - depending on the device version

flexible dispenser:

- ultrapure water can be tapped directly from the dispenser
- allows controlled water release in 0.1 L increments
- tap volume from 0.1 to 99 L
- water dispensing without supervision due to overflow protection

integrated TOC monitoring (TI-version):

- for continuous checking of the water for organic components during operation and when not in use

color touch screen:

- for operation and monitoring of data and alarms

integrated modules:

- ultrapure module MemPak
- uv-lamp 185 nm / 254 nm
- pretreatment module ProPak
- self-diagnostic module for reduced service times and costs
- maintenance tool

space-saving installation possible:

- optional wall mounting of the complete system
- optional installation of the system under the table; display and dispenser are installed on the wall (BI-version)

ultrapure water ASTM type I specification:

conductivity	0,055 µS/cm
resistance	18,2 MΩ x cm
total organic carbon (TOC):	< 10 ppb reagent < 3 ppb analytic
bacterial content	< 1 KbE/ml**
particle content	less than 1/ml (> 0,2 µm)
RNAse	< 1 pg/ml**
DNAse	< 5 pg/ml**
flow rate at the dispenser	1,5 l/min

feed water requirements:

type	tap water
conductivity	< 1400 µS/cm
inlet pressure	1,5 - 6 bar
free chlorine	< 0,1 mg/l
silt density index (SDI)	< 3
pH-value	3 - 9
temperature	5 to 25 °C

device specifications:

dimensions W x H x D	504 x 535 x 340 mm
power connection	110-230 V/50 Hz
produktivity rate RO	8,0 l/h*
UV-lamp	185 nm / 254 nm
final filter	capsule 0,2 µm

* no tap water possible ** with microbiological final filter

device configurations:

configuration	UV-reactor
reagent	
analytic	+

We reserve the right to make changes to products or technical specifications.

product information

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