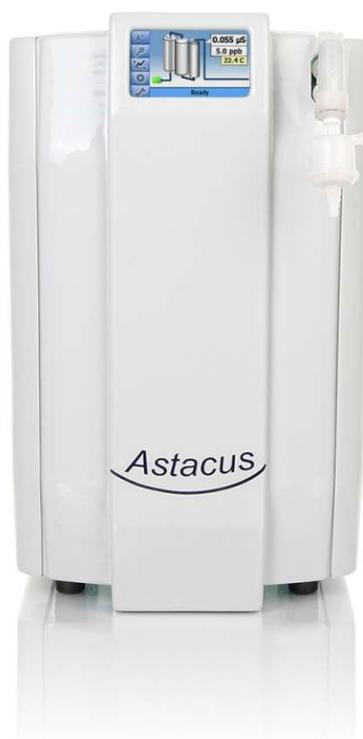


Astacus²



To produce ultra pure water Astacus² systems are fed with deionized water.

Astacus² models are designed for a daily consumption of less than 100 l and are equipped with a MemPak purification cartridge.

The Astacus² water purification system is available in different versions (Reagent, Analytical & LifeScience) to meet the specific requirements of ultra pure water for different applications.

The systems also have the new fixed and flexible dispenser and a big touchscreen with easy to use menus and wizards.

- Resistivity 18.2M Ω x cm
- Flow Rate UPW 2 l/min
- TOC:
 - < 10 ppb (Reagent)
 - < 1 ppb (Analytical with UV)
 - < 5 ppb (LifeScience with UV and UF)
- Endotoxins: < 0.001 EU/ml endotoxins (LifeScience)

Options:

Upgrade for Trace Analysis

To detect traces of substances in analytics, the water quality has to be of highest purity. Therefore all components are made of unfilled material. Tubing material is PTFE for minimal adhesion. Dead spaces are avoided and the recirculation pump is made of PEEK and stainless steel. The material of the tap valve is PVDF.

memTap

Our new automatic memTap allows the volumetric controlled tapping of water with a dispenser arm. The arm can be moved horizontally and vertically. Preset of tap-volume is in 0.1 l steps. This system prevents overflow of containers and allows to tap water without supervising. The 3,5" display with touch screen offers you all relevant data at a glance.

TOC-monitoring

The TOC monitoring during production and intermittent measurements during non-use periods allows to check the organics in water continuously. The TOC value is measured between 1 and 30 ppb and can be shown in the display to monitor organic impurities.

µS-Control

The µS-Control checks the conductivity of feed water to protect the cartridges against feed water of poor quality. If conductivity of the feed water is too high this water will be rejected and cannot influence the quality of the ultrapure water or harm the cartridge.



Contact membraPure

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