

arium® mini Compact Lab Water System, Sartorius Lab Products and Services



SARTORIUS

The arium® mini is a compact ultrapure water system that is specially designed for ultrapure water requirements of less than 10 liters per day. With the capacity to deliver ultrapure water at a rate of 1 L/min. and a width of only 28 cm, this space-saving unit easily integrates into nearly any lab environment. For analytical and especially critical applications, such as HPLC/UHPLC, arium® mini can be equipped with an optional integrated UV lamp (185/254 nm). This ensures reliable production of ultrapure water that is virtually free of organic components

The system is available in two versions:

The arium® mini plus is directly connected to a feed water tap. In this system, feed water is treated first by a pre-treatment cartridge, which consists of a combination of activated carbon and a reverse osmosis module.

The standard version of arium® mini is independent of a permanently installed water tap. Pretreated feed water is provided in a container. Feed water needed to produce ultrapure water is supplied by the unique 5-liter bag integrated on the side of the system. Uncomplicated exchange of the bag also facilitates upkeep of the system and considerably reduces maintenance time compared with conventional tank systems.

Features:

- Easy bag exchange in less than 5 minutes
- No cleaning agents required
- Closed system for optimised cleanliness, prevents biofilm formation
- Intuitive menu navigation via high-quality touch display, developed on the basis of profound customer study & feedback
- Small footprint: width 28 cm only
- Withdrawal of volumes of 50 ml and up

Applications:

- GC-MS
- ELISA
- Reagents preparation
- IC
- HPLC/UHPLC
- Preparation of buffers and media
- AAS
- Histology
- Photometry
- SPE
- ICP-MS

arium® mini plus

The compact ultrapure water system was developed for the supply of ASTM type 1 and ASTM type 3 water. The system is suitable for general and analytical applications with a daily requirement of < 10 liters.

Technical data:

Feed:	Drinking water
Maximum flow rate:	1 l/min (ASTM Type 1)/ 8 l/h (Type 3)
Voltage:	100 – 240 V
Product water resistivity (at 25°C):	18.2 MΩ × cm & < 20 μS/cm
Product water type:	Ultrapure Water (Type 1), Reverse Osmosis Water (Type 3)

Article	Order No.
arium® mini plus	10 55 57301
arium® mini plus with integrated UV lamp	10 55 57302

For critical analyses, the integrated UV lamp can reduce organic substances to max. < 5 ppb TOC*.

arium® mini

The compact ultra-pure water system was designed to supply ASTM type 1 water. The H20-MM-T system is suitable for general as well as analytic applications with a daily requirement of < 10 liters.

Technical data:

Feed:	Manual feed with pre-treated water
Maximum flow rate:	1 l/min (ASTM Type 1)
Voltage:	100 – 240 V
Product water resistivity (at 25°C):	18.2 MΩ × cm & < 20 μS/cm
Product water type:	Ultrapure Water (Type 1)

Article	Order No.
arium® mini	10 55 57304
arium® mini inklusive UV lamp	10 55 57305

For critical analyses, the integrated UV lamp can reduce organic substances to max. < 5 ppb TOC*.

Please enter the webcode WWEZ6017 to see the other variants and accessories in our online catalogue.

