

## Arium® comfort Series



Arium bag tank 20/50/100

### Bag for Minimum Maintenance

- 5분 이내의 손쉬운 Bag 교체
- 화학성분의 Chemical Cleaning이 필요 없음
- Quick-connect coupling을 사용한 실용적인 누수 방지 연결

### Innovative Technology to Prevent Secondary Contamination

- Biofilm 방지를 통한 최적의 수질 유지
- Closed system으로 순도 보장
- Special multilayer S71 bag material으로 인한 안정적인 수질

### Type of System Feed Water

Arium® comfort I	Directly connects to tap water
Arium® comfort II	Directly connects to tap water

# Arium® comfort I Space-saving Twin Technology

## 1차수 & 3차수 통합형 모델



- HPLC
- GC-MS, AAS, ICP-MS
- Ion chromatography
- TOC-Analysis
- Photometry
- Buffer an pH-solutions
- Feed water for laboratory devices, such as autoclaves, glassware washers etc.

- 1차수 & 3차수 생산 가능
- Lowest TOC < 2 ppb
- 혁신적인 소프트웨어로 일정 수질 보장
- 분당 2L 초 순수 생산
- 손 쉬운 터치패널 방식 시스템 도입
- 지능적인 알람 시스템 기능

## Technical Specifications

Type of water	ASTM Type 1	Type 3
Output	120 l/h	8 or 16 l/h
Water dispensing flow rate	up to 2 l/min	up to 3 l/min
Volume controlled output	2 l/min in 100ml, 1l or 5 l steps, depending on total dispense between 0,1 l and 60 l	-
Volume accuracy	3 % in the range of 0.25 l and 60 l	-
Typical conductivity	-	< 20 µs/cm
Typical resistivity	-	< 0.05 MΩ×cm
Conductivity	0.055 µs/cm compensated to 25°C	-
Resistivity	18.2 MΩ×cm compensated to 25°C	-
TOC content	< 2 ppb	-
Microorganism content	< 1 CFU/1,000ml	< 1 CFU/1,000ml
Particle content	< 1/ml	< 1/ml
Typical Ion retention	-	up to 98%
Retention of dissolved organic substances (MW > 300 Dalton)	-	> 99 %
Particle and microorganism retention	-	> 99 %

## Ordering Information

Order No.	Description
H2O-I-1-T	Arium® comfort I Bench-Top system in a compact design for every laboratory workstation, Type 3 production flow rate 8 l/h without UV Lamp and TOC Monitor
H2O-I-1-UV-T	Arium® comfort I Bench-Top system in a compact design for every laboratory workstation, Type 3 production flow rate 8 l/h Inc. UV Lamp
H2O-I-1-TOC-T	Arium® comfort I Bench-Top system in a compact design for every laboratory workstation, Type 3 production flow rate 8 l/h Inc. UV Lamp and TOC Monitor
H2O-I-2-T	Arium® comfort I Bench-Top system in a compact design for every laboratory workstation, Type 3 production flow rate 16 l/h without UV Lamp and TOC Monitor
H2O-I-2-UV-T	Arium® comfort I Bench-Top system in a compact design for every laboratory workstation, Type 3 production flow rate 16 l/h Inc. UV Lamp
H2O-I-2-TOC-T	Arium® comfort I Bench-Top system in a compact design for every laboratory workstation, Type 3 production flow rate 16 l/h Inc. UV Lamp and TOC Monitor

### Accessories

H2O-C-PACK	Arium® comfort Kit, qty. 1 unit
H2O-CPFCO-1	Arium® comfort Pre-Treatment Cartridge, qty. 1 unit
613CPM4-V	Arium® RO Modules, qty. 2 units
611CEL1	Arium® UV Lamp (185   254 nm), qty. 1 unit
H2O-CUF	Ultrafilter for Arium mini series and comfort series.
5441307H4-CE	Arium® Sterile filter (Sartopore® 2 150 capsule) 0.2µm pore size, (1 pc)
H2O-ARST-P-T	Smart Station remote dispenser with height-adjustable stand for pure water from Arium® Bagtank
H2O-ARST-UP-T	Smart Station remote dispenser with height-adjustable stand for ultrapure water from the Arium® Pro and Arium® Comfort

# Arium® comfort II Space-saving Twin Technology

## 2차수 & 3차수 통합형 모델



- HPLC
- GC-MS, AAS, ICP-MS
- Ion chromatography
- TOC analysis
- Photometry
- Microbiological media and reagents
- Histology
- ELISA, RIA
- Buffers and pH solutions
- Feed water for laboratory devices, such as autoclaves, glassware washers, humidifiers, water baths etc.

- 2차수 & 3차수 생산 가능
- Lowest TOC < 2 ppb
- 혁신적인 소프트웨어로 일정 수질 보장
- 분당 2L 초 순수 생산
- 손 쉬운 터치패널 방식 시스템 도입
- 지능적인 알람 시스템 기능

## Technical Specifications

Type of water	ASTM Type 1	Type 2
Output	120 l/h	5 or 10 l/h
Water dispensing flow rate	up to 2 l/min	up to 3 l/min
Volume-controlled dispensing	2 l/min in 100ml, 1 l or 5 l steps, depending on the total amount removed between 0.1 l and 60 l	-
Volume accuracy	3 % in the range of 0.25 l and 60 l	-
Typical conductivity	-	0.2 - 0.07 µs/cm
Typical resistivity	-	5 - 15 MΩ×cm
Conductivity	0.055 µs/cm compensated to 25°C	-
Resistivity	18.2 MΩ×cm compensated to 25°C	-
TOC content	< 2 ppb	-
Microorganism content	< 1 CFU/1,000ml	< 1 CFU/1,000ml
Particle content	< 1/ml	< 1/ml
Typical Ion retention	-	-
Particle and microorganism retention	-	> 99%

## Ordering Information

Order No.	Description
H2O-II-1-T	Arium® comfort II bench-top system in a compact design for every laboratory workstation, Type 2 production flow rate 5 l/h without UV lamp and TOC monitor
H2O-II-1-UV-T	Arium® comfort II bench-top system in a compact design for every laboratory workstation, Type 2 production flow rate 5 l/h Inc. UV lamp
H2O-II-1-TOC-T	Arium® comfort II bench-top system in a compact design for every laboratory workstation, Type 2 production flow rate 5 l/h Inc. UV lamp and TOC monitor
H2O-II-2-T	Arium® comfort I Bench-Top system in a compact design for every laboratory workstation, Type 2 production flow rate 10 l/h without UV Lamp and TOC Monitor
H2O-II-2-UV-T	Arium® comfort I Bench-Top system in a compact design for every laboratory workstation, Type 2 production flow rate 10 l/h Inc. UV Lamp
H2O-II-2-TOC-T	Arium® comfort I Bench-Top system in a compact design for every laboratory workstation, Type 2 production flow rate 10 l/h Inc. UV Lamp and TOC Monitor

### Accessories

H2O-C-PACK	Arium® comfort kit
H2O-CPFCO-1	pre-treatment cartridge
H2O-CRO-H-2	Arium® RO modules, qty. 2 units
H2O-CSO-1	Softener cartridge
H2O-CUF	Ultrafilter for Arium mini series and comfort series.
5441307H4-CE	Arium® Sterile filter (Sartopore® 2 150 capsule) 0.2µm pore size, (1 pc)
H2O-ARST-P-T	Smart Station remote dispenser with height-adjustable stand for pure water from Arium® Bagtank
H2O-ARST-UP-T	Smart Station remote dispenser with height-adjustable stand for pure water from Arium® Bagtank