

arium® pro Ultrapure Water System

3차수 생산 장비



After Media Fill

- arium pro Ultrapure Water System은 3차수를 공급하기 위한 장치
- 혁신적인 디자인, 이해하기 쉬운 Menu 조작법, 높은 초 순수 Quality 보장
- UV와 VF 모델은 내부장착형 TOC 모니터 선택 가능
- 수량은 최고 2 L/min까지 가능, 채수를 위해 Volume과 시간을 조절 가능
- 원수 소비량을 Monitoring할 수 있고, SD 카드를 이용하여 Data 저장 가능
- Display 상 Service와 Alarm 기능 추가
- 혁신적인 Touch Panel 기능으로 Flow Rate 조절

Technical Specifications

Product Water Quality	pro DI	pro UV	pro UF	pro VF
Resistivity [M ×cm]	18.2	18.2	18.2	18.2
TOC at 50 ppb* feed water [ppb]	< 5	1-2	< 5	1-2
Endotoxin [EU/ml]	n.a.	n.a.	< 0.001	< 0.001
Particules (at 0.2 µm)	< 1/ml	< 1/ml	< 1/ml	< 1/ml
Bacteria (CFU/1000 ml)	< 1	< 1	< 1	< 1
Flow rate [l/min]**	up to 2	up to 2	up to 1.7	up to 1.7

Ordering Information

Order No.	TOC Monitor	Description
H20pro-DI-T		arium® pro DI bench-top system for producing ultrapure water for standard applications with front top-mounted display dispenser unit
H20pro-UV-T		arium® pro UV Bench-Top system in a compact design for every laboratory workstation, incl. UV Lamp
H20pro-UV-T	H20pro-UV-T-TOC	arium® pro UV bench-top system for producing ultrapure water for chromatographic applications with front topmounted display dispenser unit
H20pro-UF-T		arium® pro UF bench-top system for producing ultrapure water for cell culture applications with front top-mounted display dispenser unit
H20pro-VF-T		arium® pro VF Bench-Top system in a compact design for every laboratory workstation, incl. UV Lamp and Ultrafilter
H20pro-VF-T	H20pro-VF-T-TOC	arium® pro VF bench-top system for producing ultrapure water for standard, cell culture and chromatographic applications with front top-mounted display dispenser unit
H20-CUF		Ultrafilter for arium mini series and comfort series.

Accessories

H20-A-PACK	Cartridge Set for arium® pro/611 VF or UV ultrapure water systems
H20-B-PACK	Cartridge Set for arium® pro/611 UF ultrapure water systems
H20-E-PACK	Cartridge Set for arium® pro/basic/611 DI ultrapure water systems
H20-U-PACK	Cartridge Set for arium® ultrapure water systems with tap water feed
5441307H4-CE	arium® Sterile filter (Sartopore® 2 150 capsule) 0.2 µm pore size, (1 pc)
611CDU5 UF	cartridge
611CEL1 UV	lamp

- HPLC
- GC-MS, AAS, ICP-MS
- Ion chromatography
- TOC analysis
- PCR
- Electrophoresis
- Endotoxin analysis
- Immunocytochemistry
- Nutrient media for cell culture
- Production of monoclonal antibodies
- Photometry



Cartridge Set



UV Lamp



UF Cartridge

Accessories

Completely Modular Design Balance



Bagtanks



Dispense Gun



Dispense Gun W/display



Water Guard

arium® bagtanks

- CO₂로부터 오염 방지
- 시간 절약 및 손쉬운 교체
- Cleaning 시약이 사용 되지 않음

Technical Specifications

Materials		Number of bags per tank	
arium® bagtank	Stainless steel plastics	bagtank 20 L	1 x 20 Liter
arium® bag	S71 Film	bagtank 50 L	1 x 50 Liter
Tubing	PE silicon	bagtank 100 L	2 x 50 Liter
Dimensions, without rollers and wall brackets [H xW xD]		Empty weight without arium® bag	
bagtank 20	80.8 x 16.6 x 43.7 cm	Operating weight with filled arium® bag	
bagtank 50	85.2 x 25.4 x 58.7 cm	bagtank 20	19 kg 40 kg
bagtank 100	85.2 x 51.4 x 58.7 cm	bagtank 50	33 kg 84 kg
arium® bag 20 L	86.5 x 43.0 cm	bagtank 100	47 kg 148 kg
arium® bag 50 L	90.0 x 58.1 cm		

Order No.	Description
H20-AOV-20	arium® bagtank 20 l, without pump, qty. 1 unit
H20-AOV-50	arium® bagtank 50 l, with pump 240 VAC 50 Hz, qty. 1 unit
H20-AOV-100	arium® bagtank 100 l, with pump 240 VAC 50 Hz, qty. 1 unit
H20-ADP-20	arium pump® bagtank 20 l, 240 VAC 50 Hz, qty. 1 unit
H20-ATR	Rollers for arium® bagtank 50 l & bagtank 100, incl. fittings, qty. 4 units
H20-CBS-20	arium® 20 l bag for arium® 20 l bagtank, qty. 2 units
H20-CBS-50	arium® 50 l bag for arium® 50 l and 100 l bagtank, qty. 2 units
H20-ATB	Wall bracket for arium® bagtank 20, qty. 1 unit

arium® dispense gun

- 최장 3.7 m까지 연장 가능
- 벽 또는 스탠드 타입 가능
- 손쉬운 사용 및 제균 필터 장착 가능

Order No.	Description
H20pro-AMDG1	arium® Dispense Gun inclusive height-adjustable Stand, qty. 1 unit
H20pro-AMDG2	arium® Dispense Gun inclusive wall mounting kit, qty. 1 unit
613-AMDG1	arium® Dispense Gun inclusive height-adjustable Stand, qty. 1 unit
613-AMDG2	arium® Dispense Gun inclusive wall mounting kit, qty. 1 unit
H20-ADD	arium® Multifunction Stand, display mounting kit with dispense gun, height-adjustable, for arium® Built-In system. qty 1 unit

Water Guard

- 민감도 높은 광 센서 사용
- 경보 알람 기능
- 누수 발생 시 automation stop 가능
- 비 부식성 고급 재료 사용
- 간편한 설치

Order No.	Description
610AWG1	arium® water guard, qty. 1 unit