Accessories

Arium® Bagtanks

The most innovative tank system

- Integrated ventilation filter with non-return valve provides reliable protection against CO_2 pollution
- High flexibility through the 4 rollers available as an option
- Easy and fast exchange of the Arium® Bags
- High user safety due to the avoidance of cleaning chemicals



Description

The pure water is stored in the innovative enclosed Arium® Bagtank system. This system protects the prepared pure water against secondary contamination. The Sartorius Bagtank system enables consistent water quality over a prolonged period, thereby ensuring permanent, reproducible results. Unlike conventional water reservoirs, the Arium® Bag offers a high level of user safety and time savings, as there is no need for a complicated cleaning procedure with chemicals.

Arium® Bagtanks are housings which are equipped with Arium® Bags. The Arium® Bagtanks are available in 20 L, 50 L, and 100 L volumes. Their design is adaptable and saves space in any laboratory environment, and the optional rollers make this an extremely flexible system.

Integrated distributor pumps are a standard component of the 50 L and 100 L Bagtanks. A distributor pump is also available as an option for the 20 L Bagtank. In addition, a wall holder for the space-saving and user-friendly installation of this tank is also available.

Water dispensing flow rate	
With pump[1]	up to 3.0 L/min
With pump, remote dispenser and SterilePlus filter[1]	up to 2.0 L/min
Without pump[2]	up to 1.5 L/min
Pump pressure	3 bar

[1] Bagtank 20 is supplied without a pump as standard, pump optionally available
[2] Value only applies to Bagtank 20, dispensing site at the same height or lower than the tank outlet

Intended Use

Device type:

- Arium® Advance
- Arium® Comfort

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Technical Specifications | Ordering Information

Materials	
Bagtank	Stainless steel | plastic
Bag	S71 film
Tubing	PE | silicone

Dimensions, excluding rollers and wall bracket [H × W × D]	
Bagtank 20	80.8 × 16.6 × 43.7 cm
Bagtank 50	85.2 × 25.4 × 58.7 cm
Bagtank 100	85.2 × 51.4 × 58.7 cm
Bag 20 L	86.5 × 43.0 cm
Bag 50 L	90.0 × 58.1 cm

Empty weight without Arium® Bag | Operating weight with filled Arium® Bag	
Bagtank 20	19 kg | 40 kg
Bagtank 50	33 kg | 84 kg
Bagtank 100	47 kg | 148 kg

Number of bags per tank	
Bagtank 20	1 × 20 L
Bagtank 50	1 × 50 L
Bagtank 100	2 × 50 L
Power supply[1]	240 VAC (±10%), 50 Hz, 120 VA (max.)[2]
Power supply US versions[1]	115 VAC (±10%), 60 Hz, 170 VA (max.)[1]
Operating temperature	2 °C – 35 °C at max. 80% relative humidity
Storage temperature	5 °C – 45 °C at max. 80% relative humidity

Water connection input	
	1 × ⅜" PLC quick-connect coupling

Water connection output	
Bagtank 20	1 × ⅜" PLC quick-connect coupling
Bagtank 50, Bagtank 100	2 × ⅜" PLC quick-connect coupling

[1] Bagtank 20 is supplied without a pump as standard, pump optionally available
[2] Value only applies to Bagtank 20, dispensing site at the same height or lower than the tank outlet
[3] Note: The Arium® Bag is not included in the scope of delivery of the Arium® Bagtank

Order number	Description
H2O-AOV-20[3]	Arium® Bagtank 20 L, without pump, 1 pc
H2O-AOV-50[3]	Arium® Bagtank 50 L, with pump 240 VAC, 50 Hz, 1 pc
H2O-AOV-50-US[3]	Arium® Bagtank 50 L, with pump 115 VAC, 60 Hz, 1 pc
H2O-AOV-50-W[3]	Arium® Bagtank 50 L, without pump, 1 pc
H2O-AOV-100[3]	Arium® Bagtank 100 L, with pump 240 VAC, 50 Hz, 1 pc
H2O-AOV-100-US[3]	Arium® Bagtank 100 L, with pump 115 VAC, 60 Hz, 1 pc
H2O-AOV-100-W[3]	Arium® Bagtank 100 L, without pump, 1 pc
H2O-ADP-20	Pump Arium® Bagtank 20 L, 240 VAC, 50 Hz, 1 pc
H2O-ADP-20-US	Pump Arium® Bagtank 20 L, 115 VAC, 60 Hz, 1 pc
H2O-ATR	Rollers for Arium® Bagtank 50 & bagtank 100, including fastening material, 4 pcs
H2O-CBS-20	Arium® 20 L Bag for Arium® 20 L Bagtank, 2 pcs
H2O-CBS-50	Arium® 50 L Bag for Arium® 50 L and 100 L Bagtank, 2 pcs
H2O-ATB	Wall mount for Arium® Bagtank 20, 1 pc

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