

aranBiotech
SINGLE USE TECHNOLOGIES

YOU DREAM
WE DELIVER



About us

Aran Biotech emerged from a shared passion for excellence and a deep commitment to patient safety. The fusion of Aran Packaging, renowned internationally for pioneering 'bag in box' technology with a strong focus on the food and beverage industry, and BioPharmax, a leading global Engineering and Consulting firm catering to the pharmaceutical and Biopharmaceutical sectors, gave rise to the creation of Aran Biotech.

Harnessing the subject matter expertise from both organizations, we envisioned a cutting-edge enterprise specializing in state-of-the-art solutions for 'Single-Use Systems'.

As the Healthcare industry's demands are rigorous and uncompromising, we possess a profound understanding of these requirements. We recognize that cleaning and sterilization, apart from being time-consuming, present significant cost barriers. Acknowledging these industry challenges, we made a strategic decision to embark on the manufacturing of high-quality, cost-effective Single-Use Bags as our flagship product.

At Aran Biotech, quality is ingrained in every aspect of our operations, from manufacturing to pre-sterilization and product packaging. Moreover, we hold a deep appreciation for the importance of individuals, be it the broader patient community or our dedicated employees. With an unwavering commitment to a healthy and safe work environment, we ensure that people always remain our top priority.

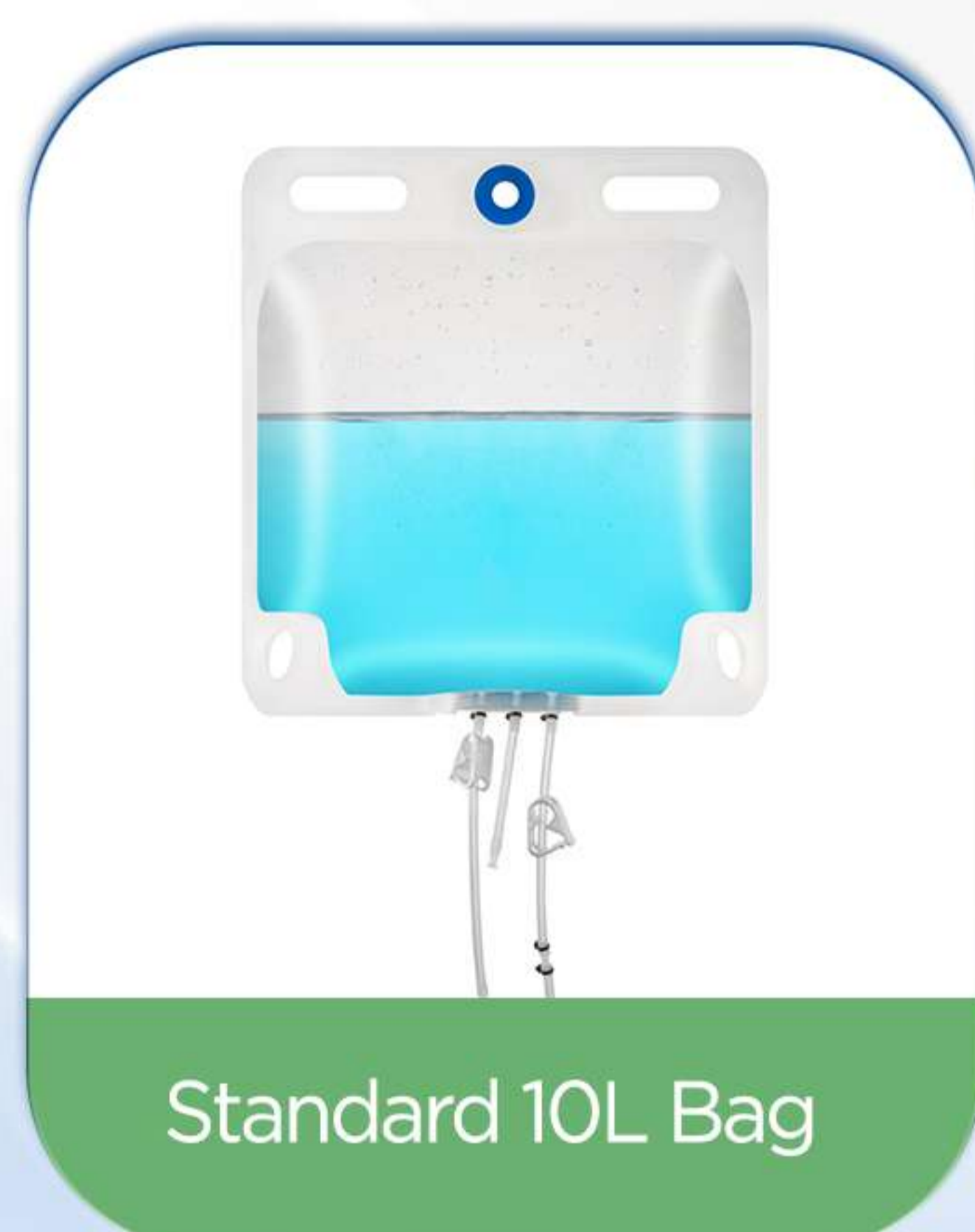
2D Single Use Bags

50ML-50L

Aran Biotech - manufacture and supplies a wide range of Single-Use Bags and systems for various applications for Pharma, Biotech and FoodTec industry. All the production are done in a clean room ISO CLASS regulation of ISO 9101 & ISO 13485. Our flexible, products are designed to meet regulatory compliance, while maximizing process efficiency for the costumers needs.

Our 2D Bags enable critical sterile liquid-handling at larger volumes, bolstered by the same levels of high mechanical strength. We work with customer together to fulfill each need until successfully implantation of the products in the manufacturing area.

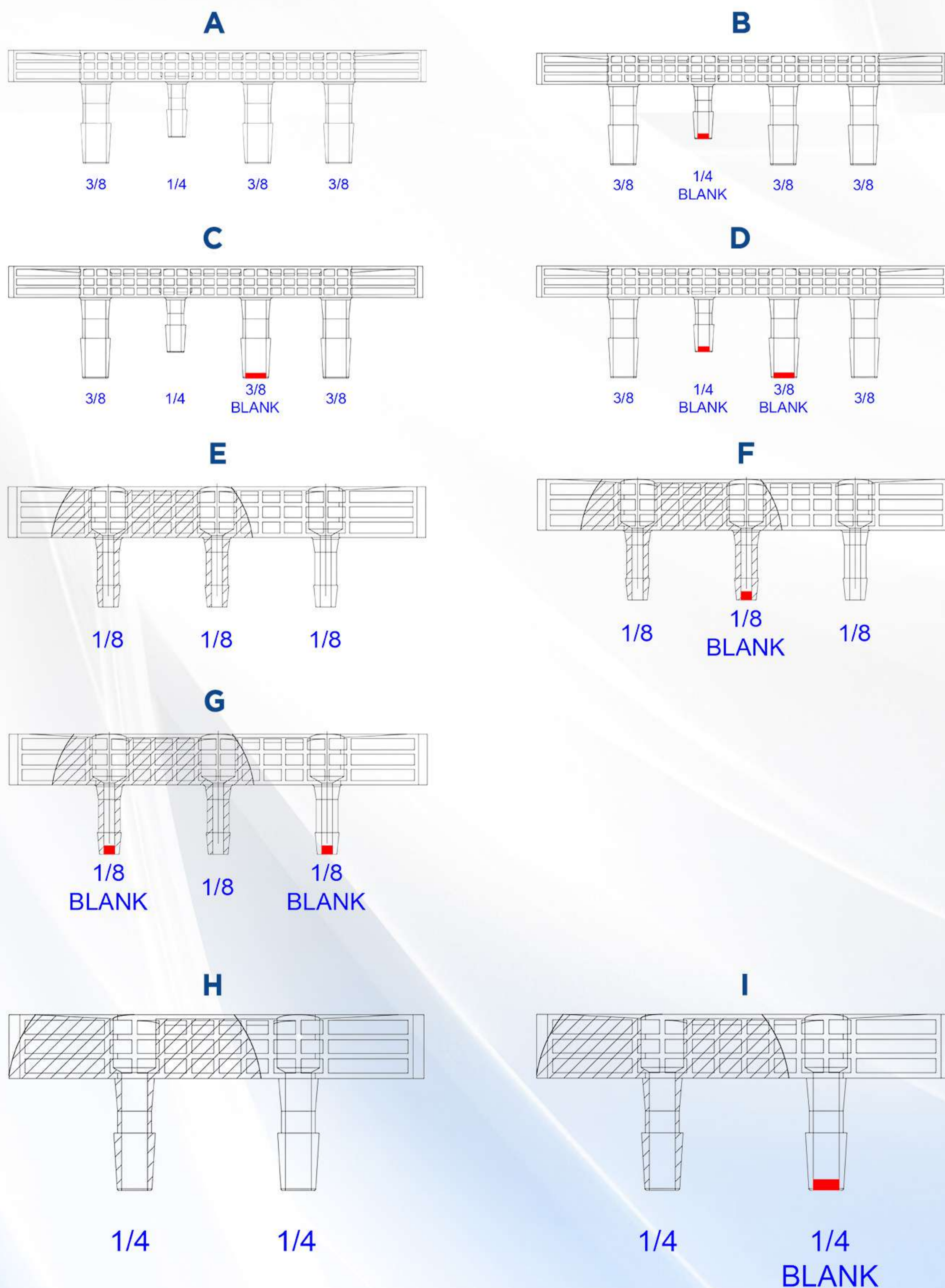
In addition, our company supplies liner bags (open bags) in all sizes with the option of bottom drainage.



2D Single Use Bags

50ML-50L

Bag Volume	Unit per box	A	B	C	D	E	F	G	H	I	Tube	Components
50ML	50					X	X	X	X	X	TPE / Silicone	Filter, Aseptic Quick connector, MPC + Sealing Cap, Sanitary flange+ Tri-Clamp + Gasket + Cap + Pinch clamp + Needlefree connector * Assembly per customer's request
500ML	50	X	X	X	X	X	X	X	X	X		
1L-10L	25	X	X	X	X	X	X	X	X	X		
20L	15	X	X	X	X	X	X	X	X	X		
50L	10	X	X	X	X	X	X	X	X	X		

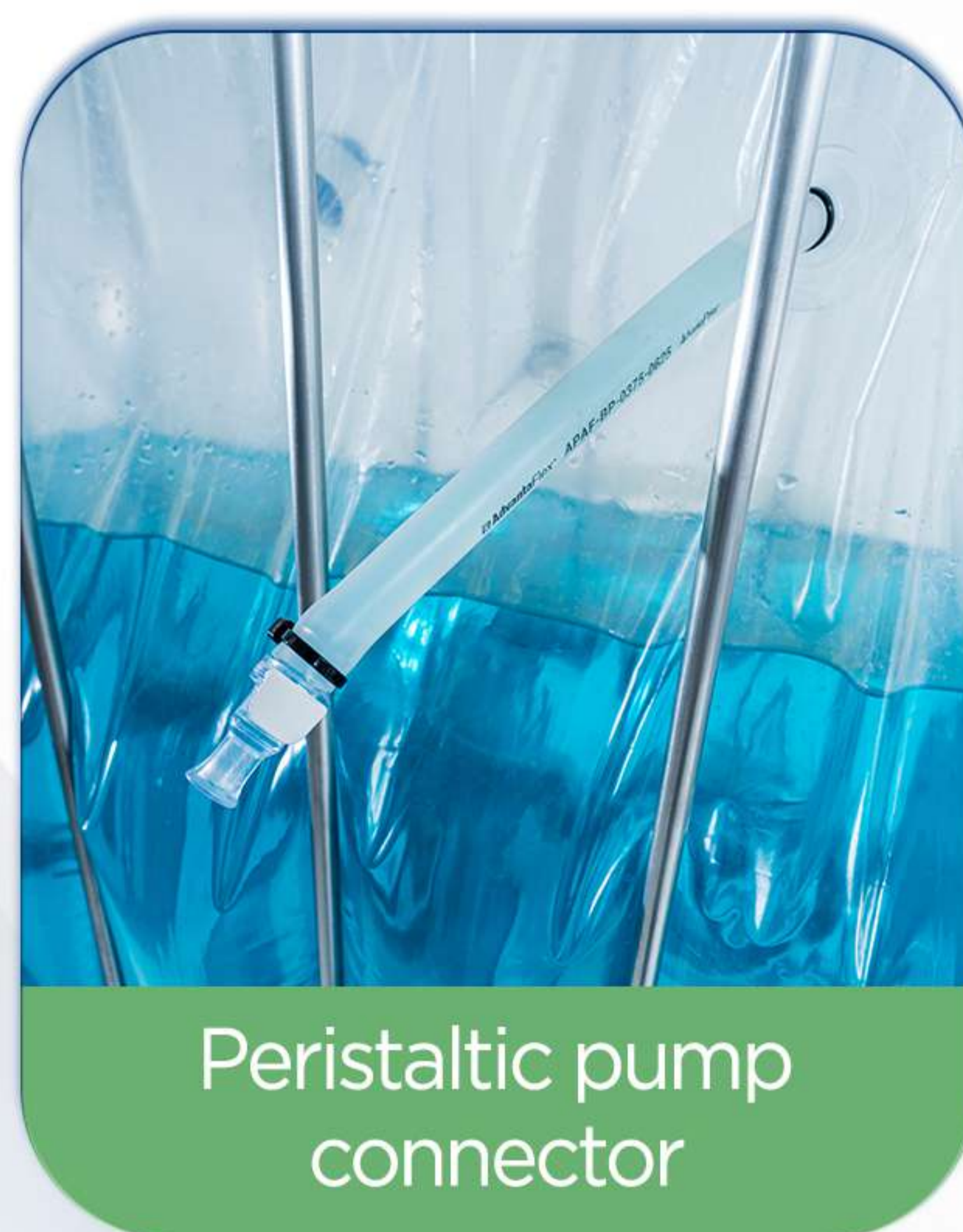


Large Volumes 2D SU bags

100L-1000L

The 2D bags Takes up less space than the 3D Available in several options of ports and connectors
Easy to clean and convey between rooms.

Bag Volume	Unit per box	Port	Tube	Components
100L	4	Flat port with / without Opposite barb *Position & quantity per costumer's request	TPE / Silicon	Filter, Aseptic Quick connectors, MPC/MPX, Luer, Tri-Clamp *Assembly per costumer's request
200L	2			
500L	1			
800L	1			
1,000L	1			



3D Single Use Bags

3L-1500L

3D SU Bags enables storage and shipping of large volume of critical sterile liquid.

The bags are supplied sterile and ready to use for an easy and convenient process implementation.

Various configurations are provided per customer's request for simple integration in all process steps.

Bag Volume	Unit per box	Port	Tube	Components
3L	12	Flat port with / without Opposite barb *Position & quantity per customer's request	TPE / Silicon	Filter, Aseptic Quick connector, MPC + Sealing Cap, Sanitary flange + Tri-Clamp +Gasket + Cap *Assembly per customer's request
25-50L	8			
100L	6			
200L	5			
500L	5			



Stainless steel Mixer

Our Double jacket container allows easy handling and monitoring of the mixing process. Mixing is available with heat / cold temperature exchange jacketing and weighing functions for integrated control of the process.

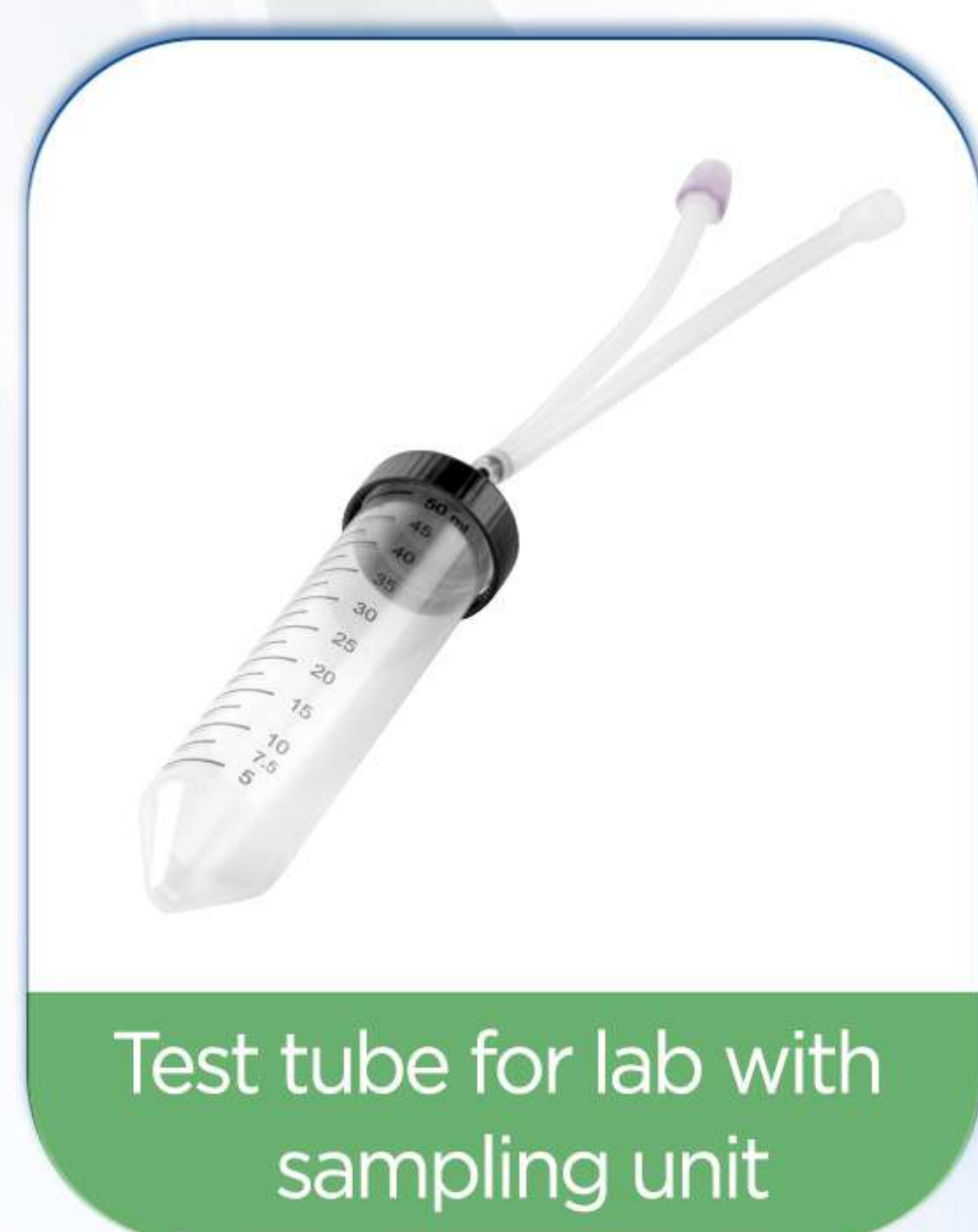
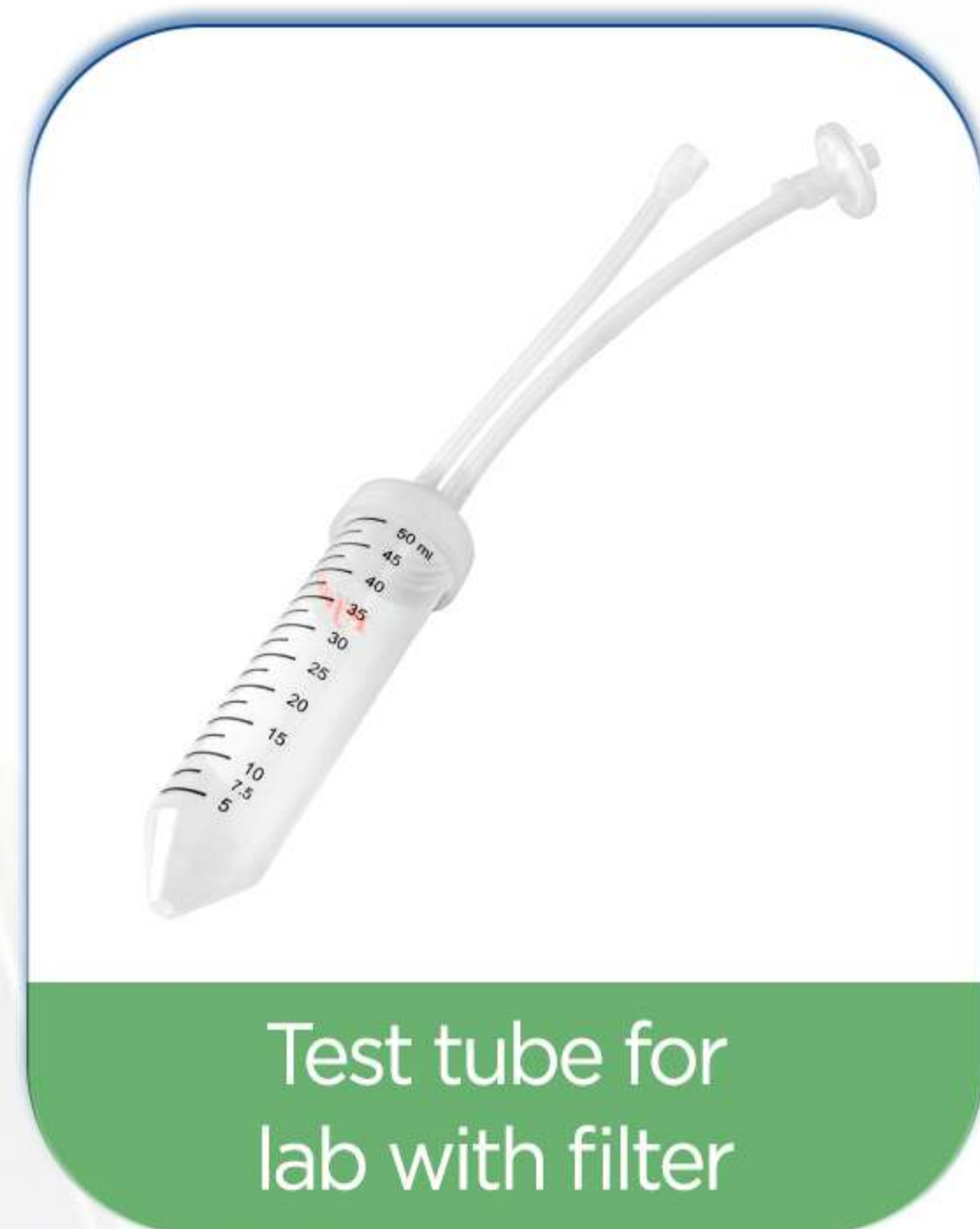
Bag Volume	Unit per box	Port	Tube	Components
3L	15	Flat port with / without Opposite barb *Position & quantity per customer's request	TPE / Silicon	Filter, Aseptic Quick connector, MPC + Sealing Cap, Sanitary flange + Tri-Clamp +Gasket + Cap *Assembly per costumer's request
5L	14			
10L	13			
20L	12			
50L	11			
100L	10			
200L	6			
500L	3			
800L	3			
1,000L	3			
1,500L	2			



Single Use Bottles Tubes

Bottle volume	Material	Connectors		Tube	Filters	Additional Components	Needles
1L	PC & PET	2 ports	1/4" x2	TPE / Silicon	Venting Filters, HB connectors are Available Gamma stable Area Hydrophobic and hydrophilic options	Luer Lock and Quick Connects Straight "Y", "T", HB adapters, reducers & MPC TC MPC	Different needles can be implemented according to customers needs
2L		2 ports	1/4" x2				
10L		4 ports	3/8" x4				
20L		4 ports	3/8" x4				
50L		4 ports	3/8" x4				

Tube volume	Material	Connectors		Tube	Filters	Additional Components	Needles
50ML	PC & PET	2 ports	1/4" x2	TPE / Silicon	Venting Filters, HB connectors are Available Gamma stable Area Hydrophobic and hydrophilic options	Luer Lock and Quick Connects Straight "Y", "T", HB adapters, reducers & MPC TC MPC	Different needles can be implemented according to customers needs
100ML		2 ports	1/4" x2				

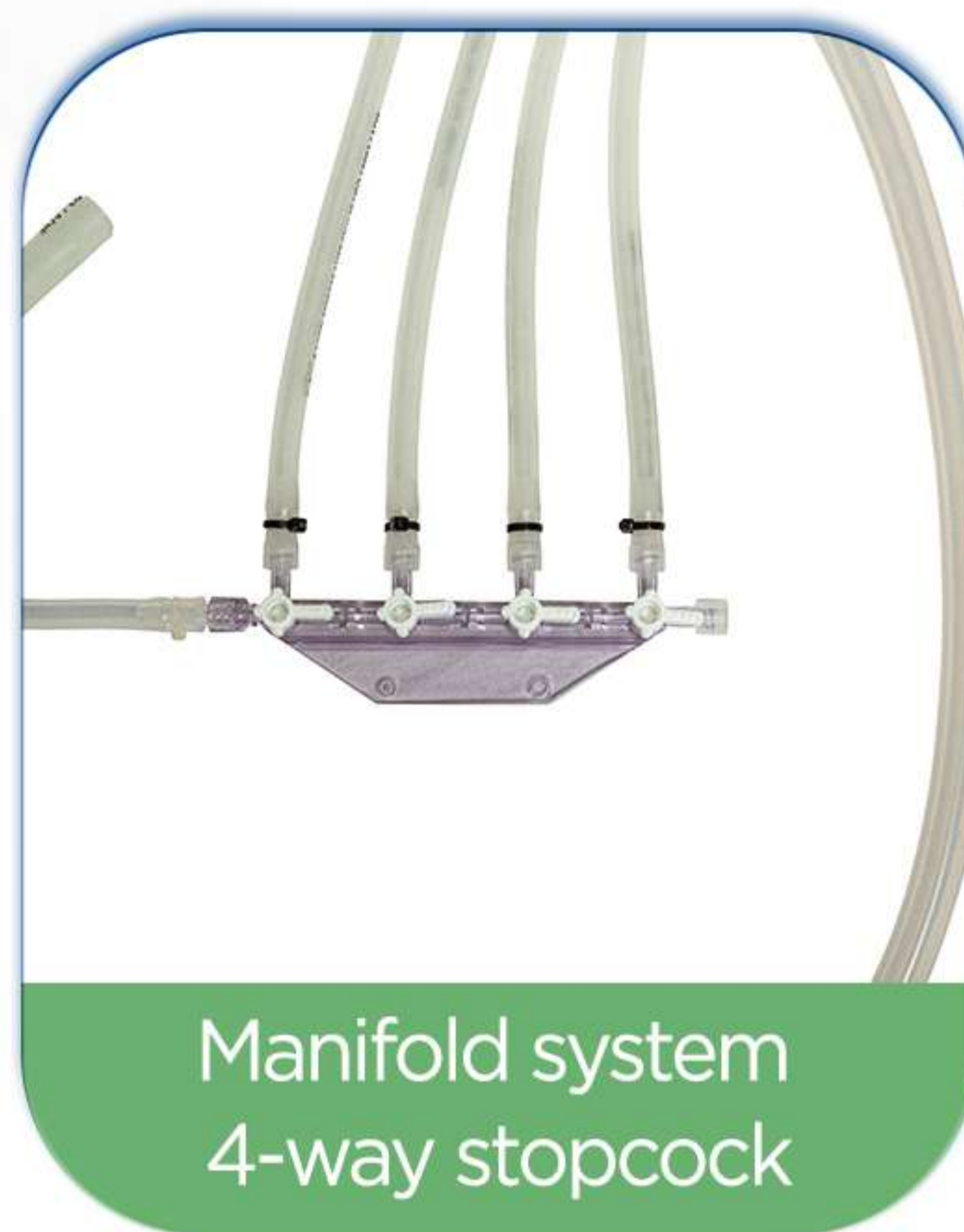


Manifold system

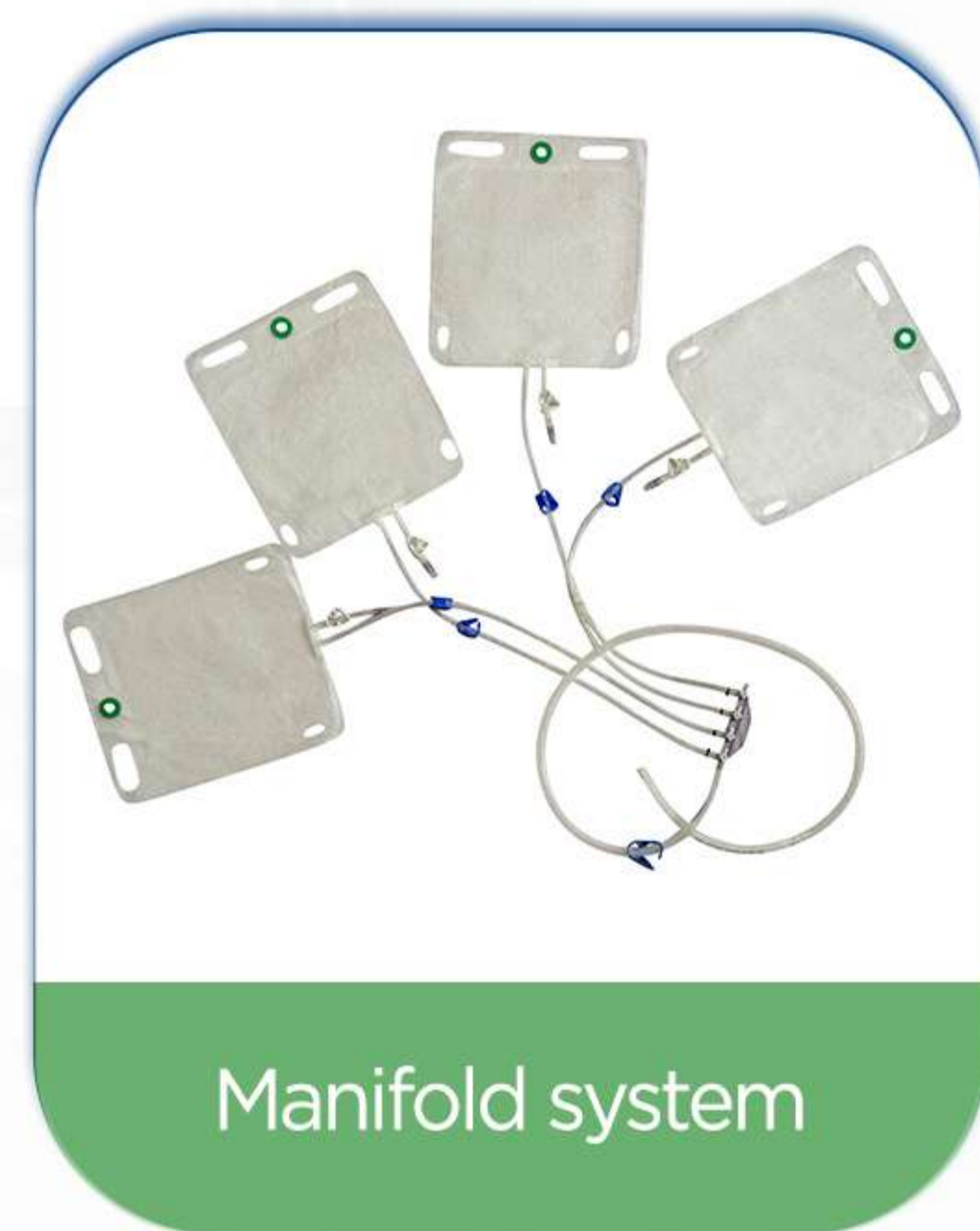
Aran Biotech specializes in production of manifold systems according to customer requirements. Our company has a variety of production possibilities with flow control using taps. The system allows to connect to a variety of components such as filters, filling needles, sampling bags and more. The uniqueness of the system is by optimizing the production line both in terms of cost and prevention of contamination.



5-way stopcock



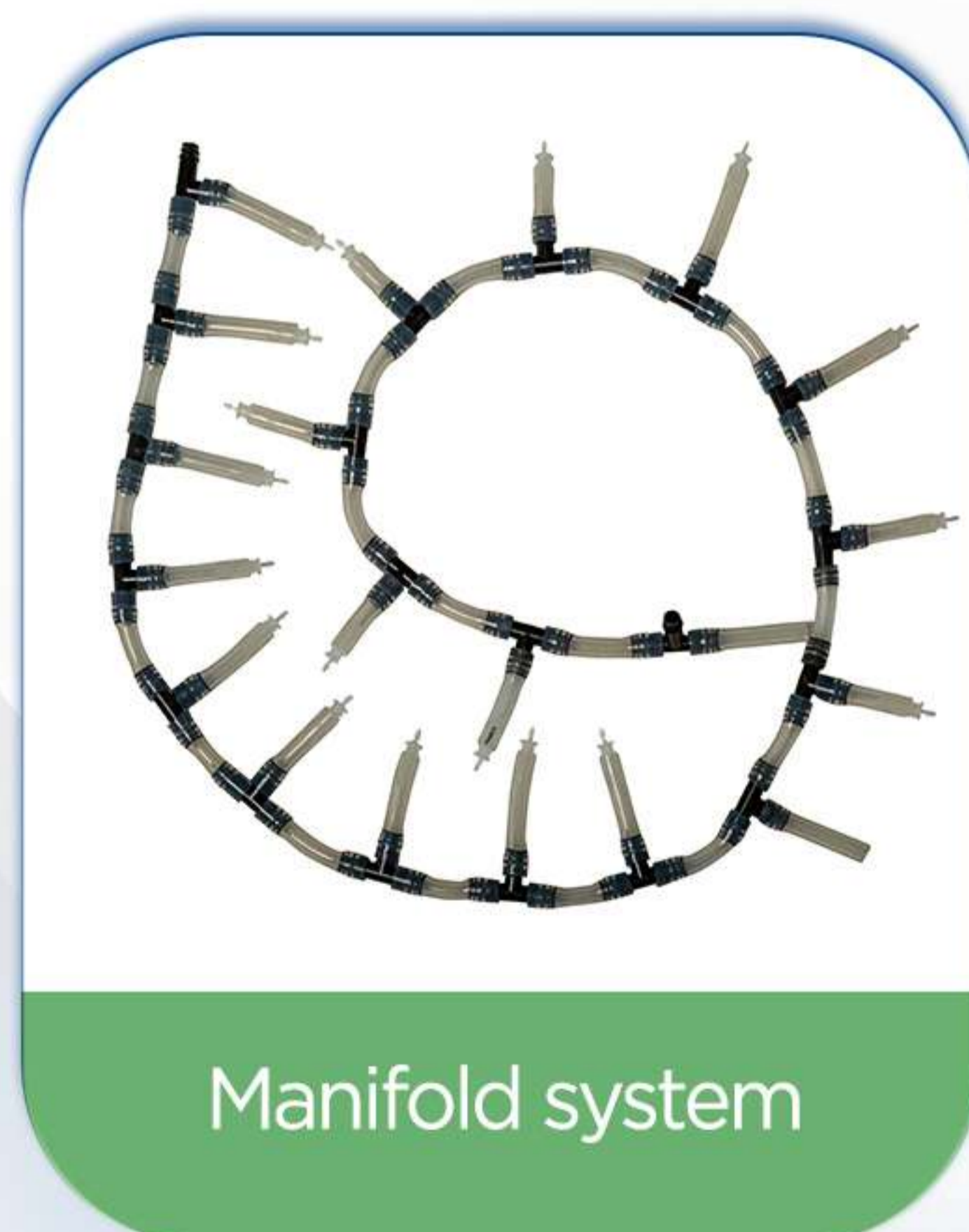
Manifold system
4-way stopcock



Manifold system



4-way stopcock



Manifold system



Manifold system
5-way stopcock

Bags For Light Sensitive Products

50ml-1000L

A bag with a unique layer (Patent Pending) for light sensitive products Daylight & UV protected. enables to work in regular light condition. different bags can be customized with different accessories such as boat port, spout according to customer's request.

Bag Volume	Unit per box	Port	Tube	Components
50ML	45	With our Boat Port / Flat port with / without Opposite barb *Position & quantity per customer's request	TPE / Silicon	Filter, Aseptic Quick connector, MPC + Sealing Cap, Sanitary flange + Tri-Clamp +Gasket + Cap *Assembly per costumer's request
100ML-500ML	25			
3L-10L	25			
20L	15			
50L-100L	10			
200L	8			
500L	7			
1,000L	4			



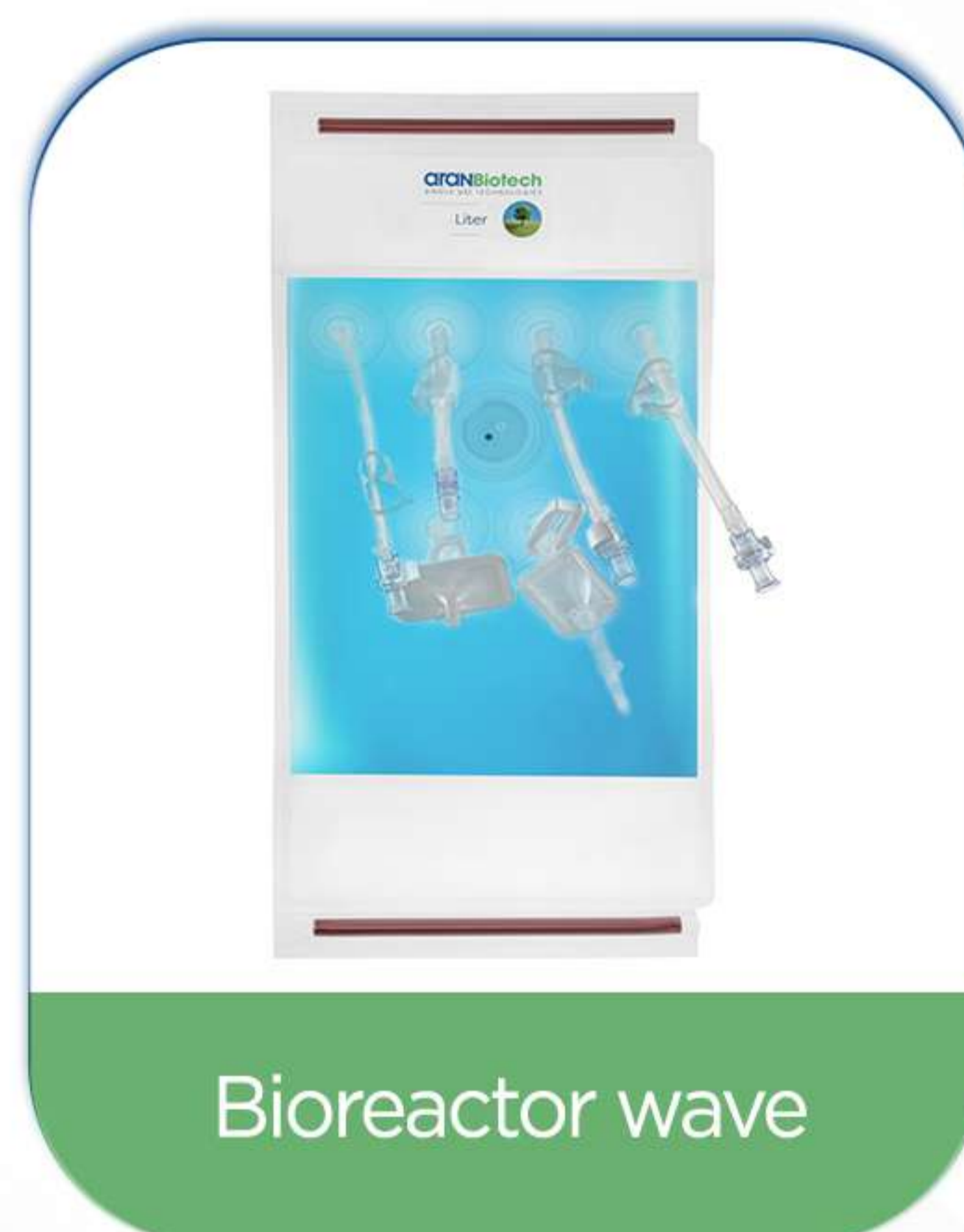
Wave Bioreactor Bags

Single-use bioreactor bags for non-invasive cell cultivation, designed for use with WAVE™ Bioreactor systems provide a robust environment for cell growth.

Our advantages are in cost and prices. our main goal is improving our technology in bioreactor cell culture, microbial culture.

Volume	Working volume	Ports	Connectors	Filters	Sensors
1L	0.1-0.5	Sampling Fill, harvest with dip tube Perfusion feed & harvest	Female, Male Luer Female, Male MPC, needles sampling connector, Aseptic connector	Air Inlet, Air Outlet, Media filter	Optical chemical pH +DO
2L	0.2-1				
10L	1-5				
20L	2-10				
50L	5-25				

* Assembly per customer's request



Contact Us

Our team will be happy to assist you with any inquiry you might have.

Please feel free to contact us



Kibbutz Naxhshon



Tel: +972-8-9278830



info@aranbiotech.com



www.aranbiotech.com

