

Lifemeta™ AC Single-use Aseptic Connector

Lifemeta AC single-use aseptic connector, exclusively designed by Cobetter, can be widely used in various production stages of biopharmaceuticals, such as upstream media fed-batch, downstream sterile connection of final filling, etc..

Lifemeta AC aseptic connectors are designed with pull tabs to improve ease of operation, while the genderless structure makes the connection more flexible and reduces the risk of upstream and downstream connection mismatches and operational errors.



Quality Assurance

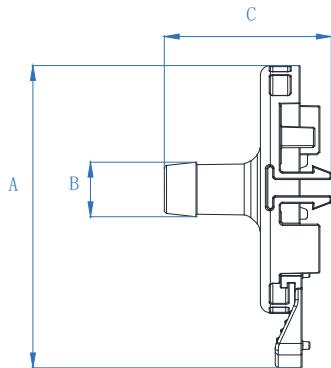
- Validation guide are available
- Extractables and leachables report are available on request
- Meet the requirement of USP <87> In Vitro Biological Reactivity Test
- Meet the criteria of the USP <88> Biological Reactivity Test for Class VI plastics
- Aqueous extraction contains < 0.25 EU/mL as determined by Amebocyte Lysate, USP <85>
- Particulate matter in the product eluent meets the requirements in USP <788> for large volume parenterals
- ISO 9001:2015 Quality Management System
- ADCF raw materials

Applications

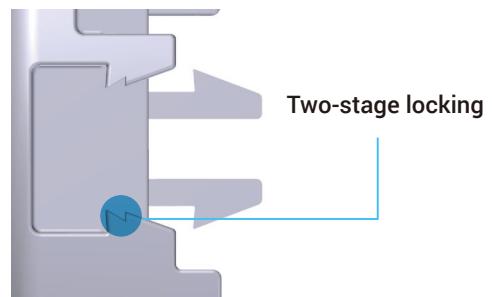
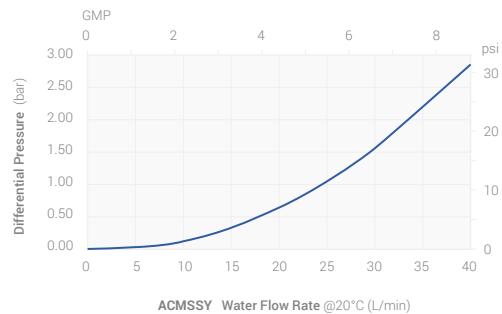
- Media preparation and transfer
- Buffer preparation and transfer
- Sampling during cell culture
- Bioreactor inoculum and harvest
- Sterile assembly of probe assemblies into single-use bags
- Final filling sterile connection
- Sterile filling of bulk drug substance

Specifications

Size	1/4"HB、3/8"HB、1/2"HB、3/4"HB
Material	Main Components: PSF Membrane: PES O-ring: Silicone rubber Protective Caps: PP
Temperature Range	-80 ~ 130 °C
Pressure Range	0 ~ 3.0 bar
Vacuum Resistance	Up to 1.0 bar
Sterilization	Can be sterilized by gamma irradiation at 25-45kGy or autoclaved for 60 minutes at 130 °C
pH Range	2~12



Water Flow Rate Test

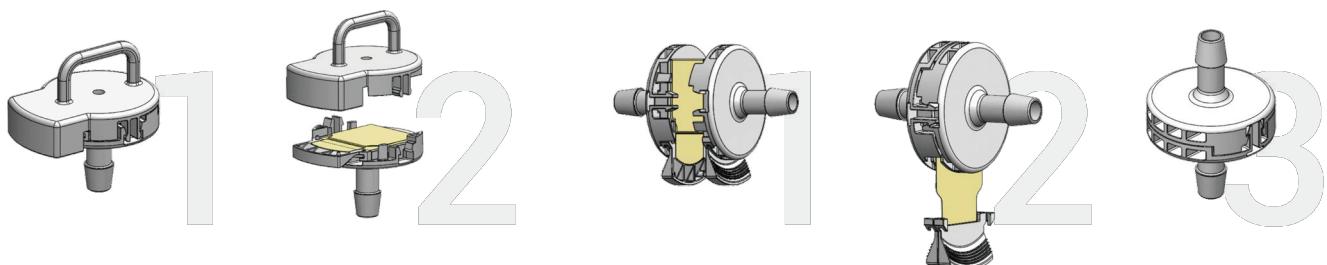


Ordering Information

Part No.	Specification	Packaging *	Qty	Dimensions (mm)		
				A	B	C
ACMSSR	1/4"HB	Non-sterile	10 pcs/pk	61.0	7.6	31.3
ACMSSY	3/8"HB	Non-sterile	10 pcs/pk	61.0	11.0	33.7
ACMSSH	1/2"HB	Non-sterile	10 pcs/pk	61.0	15.4	40.3
ACMSSM	3/4"HB	Non-sterile	10 pcs/pk	61.0	21.8	46.5

* Note: The product comes default with non-sterile packaging in individual double-layer bags.

Operation



Initial state

Remove the protective cap from both connectors

Connect the two devices to the first stage

Remove the membrane

Connect the two devices to the second stage