

mdi AESS are gamma irradiated single use disposable systems for aseptic fluid sampling at various stages in pharmaceutical and biopharmaceutical processing. These systems minimize chances of false positives and reduce cleaning requirements over traditional sampling systems.

Validated for

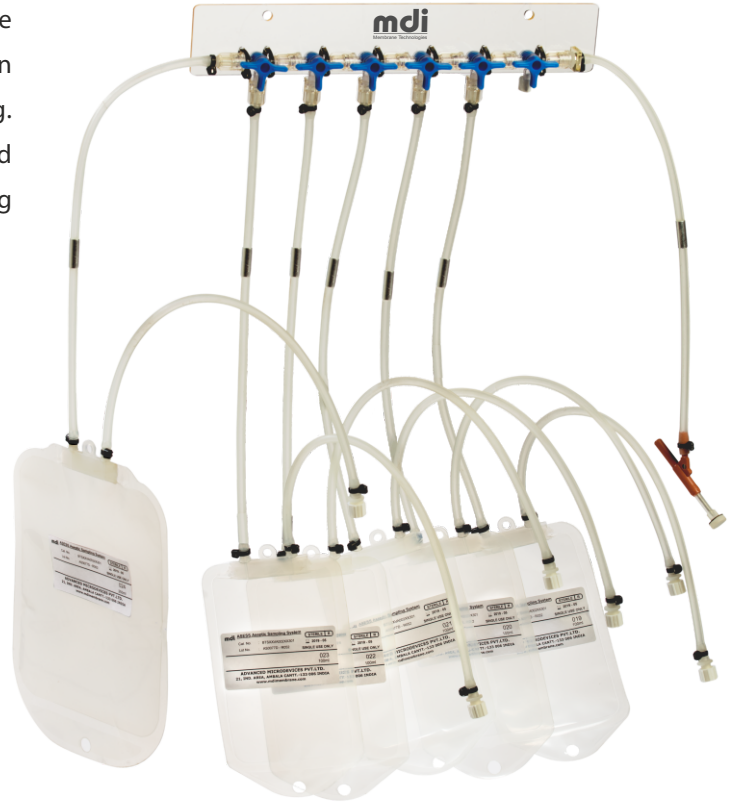
- Sterility as per USP <71>
- Class VI Plastics as per USP <88>
- Cytotoxicity as per USP <87>
- Bacterial Endotoxin <0.25EU/ml
- TOC as per USP <643>
- Conductivity as per USP <645>

Applications

Aseptic sampling of:

- Sterile bulk and sterile transfers
- Vaccine formulations at different maturation steps
- Fermentation cycles
- Cell culture from bioreactors*

*Customized sampling systems with 2 mm SS needle



Unique Performance Advantages



Female luer ports with male luer cap on outlet tubing on each sampling bag for easy drawing of samples



Single cut off Safety Valve: Cuts off the entire Sampling system in case of any eventuality



Specially designed multilayered bag film

Accessories



Single 'Vessel Port' connections with single as well as Multiple Sampling Ports



Crimping and Cutting Tool

Specifications

Operating Conditions

Operating Temperature	-20°C to 60°C
Operating Pressure	5 psi
Steam in Place (Sanitary flange adaptor assembly)	125°C for 30 min

Materials of Construction

Bag	Multilayered Film type FBG-1
Tubing	Thermoplastic Elastomer
Septum	Silicone
Needle (1.5mm or 2mm)	316L SS

Sterility: Gamma Irradiated

Other Specifications

- 100% Integrity tested
- Non Animal Origin: Comply with the requirements laid down in the "Note for Guidance EMEA/410/01, rev. 03" for inputs of Non Animal Origin

Ordering Information

Type	XX	XX	XX	S	S	Sterility		Pack Size	
						Code		Code	
ASESS Aseptic Sampling System	A044					Gamma Sterile	3	1	01
	A023								
	A028								
	A029								

A044XXXXXXXXSS301: Sampling system with 5 sampling bags of 100 mL each and a 250 mL drain bag

A023XXXXXXXXSS301: Sampling system with 10 sampling bags of 100 mL each and 2 x 250 mL drain bags

A028XXXXXXXXSS301: Sampling system with 1 sampling bag of 100 mL

A029XXXXXXXXSS301: Sampling system with 1 sampling bag of 250 mL

****The above Sampling system catalog numbers offer standard 1.5mm SS needle. For customized sampling systems with 2 mm SS needle, please contact your nearest sales office.**

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