Membrane Technologies

AseptiVac Mini
The Ultimate Vacuum Filter

AseptiVac Mini are gamma sterile, ready to use disposable vacuum filtration devices with a unique pleated cartridge filter built into the funnel tube which fits on to the neck of the receiver tube.

The large area serial filter device with high flow, low protein binding polyethersulfone membrane, allows high speed filtration and enhanced throughput with even difficult to filter solutions in biopharmaceuticals and life science research labs.

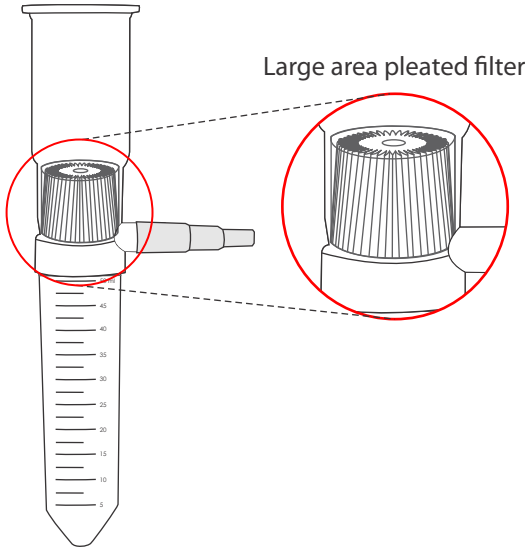
Applications

AseptiVac Mini vacuum filters find applications in cell expression labs in biopharmaceutical R&D for sterile filtration of up to 50 mL

- Cell harvest supernatant
- Serum Solutions
- Pure Sera

Key Feature

- Fast and easy vacuum filtration of up to 50 mL of difficult to filter samples with unique built in pleated PES cartridge filter



Specifications

Materials of Construction
Filter Membrane : Polyethersulfone
Filter Housing/Funnel/Receiver : Polypropylene

Filtration Area: 100 cm^2

Funnel Capacity: 50 mL

Max. Operating Temperature: 45 °C

Microbial Retention
0.1µm: LRV >7 for *Acholeplasma laidlawii* (ATCC 23206) per cm^2
0.2µm: LRV >7 for *Brevundimonas diminuta* (ATCC 19146) per cm^2

Bacterial Endotoxin: Aqueous extracts exhibit < 0.25 EU/ml as per USP <85>

Biosafety: Passes Bioreactivity test, In-vivo, as per USP <88> for Class VI plastics
Passes Biological Reactivity Tests, In Vitro, as per USP <87> for Cytotoxicity

Extractables: *AseptiVac* vacuum filters exhibit very low extractables as per USP <661>

Water Flow Rates: 400 ml/min @ 250 mmHg

DATA SHEET

Ordering Information

Type		EFA		Pore Size		X	Receiver Tube Size		X	Sterility		Pack Size	
	Code		Code		Code			Code			Code		Code
AseptiVac KS Mini	AKX7	100 cm^2	31	0.1 µm	36		50 mL	0C		Gamma Sterile	3	10	02
				0.2 µm	01								

Example

AKX7	31	01	X	0C	X	3	02

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