![mdi Membrane Technologies logo]

*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.
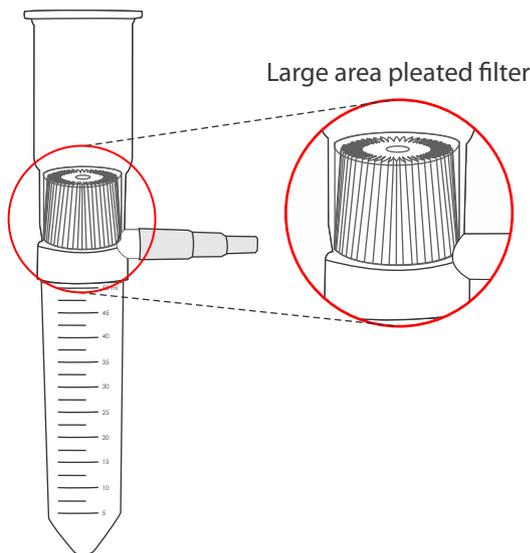
## Applications

*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

Large area pleated 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

## 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** | |

**DATA SHEET**