

Vacuum Filtration Systems New

It is mainly used in tissue culture media and biological fluids for separation and purification of large volume samples. The whole set includes membrane diaphragm, a graduated, transparent polystyrene funnel connected to a receiving bottle by a connector. The disposable vacuum filter utilizes a vacuum pump to provide pressure differentials for processing large volumes of tissue culture fluids and other laboratory fluid solutions and the volume of processed samples could be up to several liters. The filtered samples can be stored directly in sterile collection bottles.

Feature

- High flow rates and high throughput
- Precise graduation on the bottle wall
- Various specifications : Membrane materials include: PES, PVDF, CA, MCE ; Volume: 250ml, 500ml and 1000ml
- Low protein binding
- Gamma-ray sterilization
- Filter diameter: 250ml volume for the 50mm membrane diameter 500ml volume for the 90mm membrane diameter.
- The design of hose connector is adaptable to various hose diameters.
- Light weight and firm outer wall structure, easy to grasp



| Cat. No. | Membrane | Volume (ml) | /Case |
|----------|-----------------|-------------|-------|
| 330011 | PES | 250 | 12 |
| 330111 | PES | 500 | 12 |
| 330001 | PVDF | 250 | 12 |
| 330101 | PVDF | 500 | 12 |
| 330021 | MCE | 250 | 12 |
| 330121 | MCE | 500 | 12 |
| 330031 | CA | 250 | 12 |
| 330131 | CA | 500 | 12 |
| 330112 | PES (Up Cup) | 500 | 12 |
| 330102 | PVDF (Up Cup) | 500 | 12 |

Pore Density: 0.22um

Membrane selection guide

| Membrane | Wettability | Chemical Compatibility | PH Stability | Protein Binding | Sample Application |
|----------|-------------|------------------------|--------------|-----------------|--|
| MCE | Hydrophilic | Poor | 4-8 | Very Low | Biological fluids, microbiology particle analysis and air monitoring |
| PES | Hydrophilic | Poor | 3-12 | Low | Tissue culture media, environmental analysis |
| PVDF | Hydrophilic | Very Good | 3-8 | Low | HPLC solution and general biological samples |
| CA | Hydrophilic | Good | 4-8 | Low | HPLC solution, media, serum and buffer solutions |

Marketed By : **GENAXY SCIENTIFIC PRIVATE LIMITED**, Janakpuri, New Delhi 110058;
 Phones : +91-11-4761 9999 (100 Lines) Email: technical@genaxy.com