

MiniMem Ultra Low Volume Membrane Filtration



Unique Design:

The unique design of the membrane module with integrated magnetic stirrer permits a total working volume of the whole unit of only 10 ml. Any flat membrane for reverse osmosis, nanofiltration, ultrafiltration or microfiltration can be used. The MiniMem is perfect for handling small volumes of precious substances like pharmaceuticals in early development stages.

Complete system:

The MiniMem is a complete filtration system in a stainless steel housing. The product vessel includes level control and magnetic stirring. Integrated high pressure pump and controlled feed pump automate diafiltration and concentrating. Electronic display and recording of operating pressure and temperature.

Applications:

- reverse osmosis, nanofiltration, ultrafiltration
- concentration, diafiltration, loop operation, batch and continuous
- membrane filtration with small amounts of product
- concentration, purification and desalting of valuable products

Advantages :

- minimum operating volume 10 / 30ml
- operating pressure up to 40 bar or higher
- electronic data recorder
- compact unit with all components included
- stirred feed vessel
- automated diafiltration at constant level

