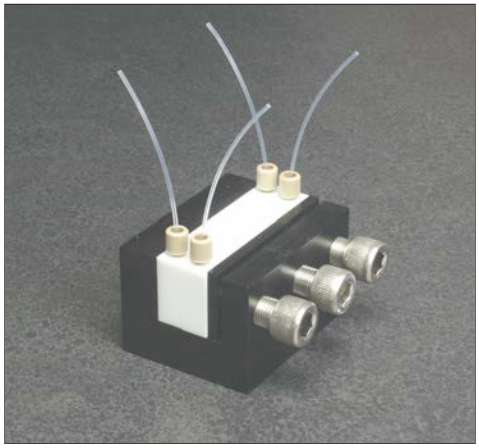
Flow-Thru DIALYZER™ (Reusable)

advantages

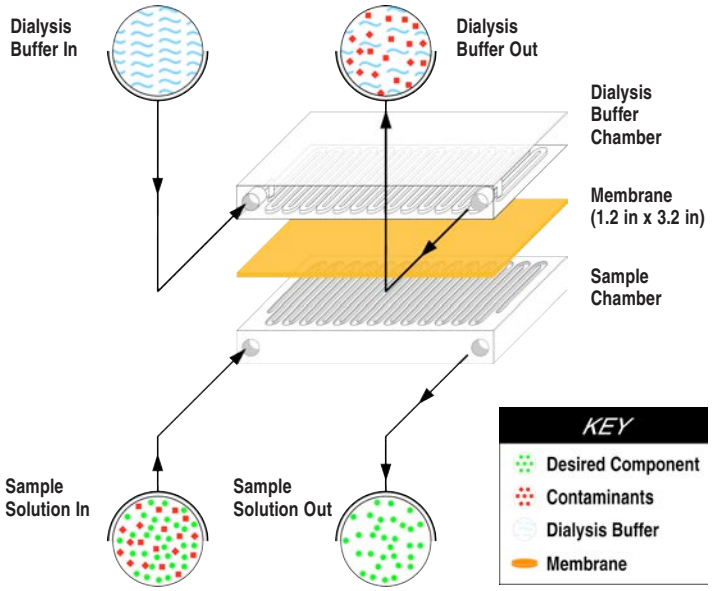
- Ultra fast dialysis times are possible due to large membrane surface area
- Automation ready
- Suitable for wide sample volume range
- Inert Teflon dialysis chamber – minimal sample loss
- Suitable for constant temperature dialysis

applications

- Dialysis
- Buffer exchange
- Salt removal
- Detergent removal
- Equilibrium dialysis
- On-line dialysis for HPLC
- On-line sample concentration
- And more…



Flow-Thru DIALYZER™



The Flow-Thru DIALYZER is a unique system for the rapid dialysis of sample volumes from 20 µl to 100 ml. It provides a large surface area for Flow-Thru on-line dialysis with minimal sample loss. The entire dialysis unit is made of Teflon, an inert material, and has two separate serpentine channels superimposed on each other and separated by a dialysis membrane. The length of each channel is about 700 mm. Five different chambers are available (20 µl, 75 µl, 150 µl, 300 µl and 600 µl). Chambers of different volumes can also be superimposed on each other for specific applications.

With the Flow-Thru DIALYZER more than 90% of salts or small molecules can be dialyzed from a sample in one cycle (about 10 minutes). Cycles can be repeated automatically through the use of continuous flow systems and the entire dialysis unit can be submerged in a water bath for constant temperature dialysis.

Flow-Thru DIALYZER™ (Reusable) (continued)

Flow-Thru DIALYZER™ & Membranes					
Chamber Volume:	**20 µl**	**75 µl**	**150 µl**	**300 µl**	**600 µl**
Flo-Thru DIALYZERS™ System with Pump, Clamps and 10k Da membranes					
Qty. of 1	**SP1 74-1307**	**SP1 74-1308**	**SP1 74-1309**	**SP1 74-1301**	**SP1 74-1310**
Flow-Thru DIALYZERS™ with Clamping System and 10k Da Membranes					
Qty. of 1	**SSD 0020K**	**SSD 0075K**	**SSD 0150K**	**SSD 0300K**	**SSD 0600K**
Flow-Thru DIALYZERS™					
Qty. of 2	**SSD 0020**	**SSD 0075**	**SSD 0150**	**SSD 0300**	**SSD 0600**
Flow-Thru DIALYZER MEMBRANES (pack of 10)					
A. Regenerated Cellulose MEMBRANES:					
1k Da MWCO	**SD010S**				
2k Da MWCO	**SS020S**				
5k Da MWCO	**SD050S**				
10k Da MWCO	**SD100S**				
25k Da MWCO	**SD250S**				
50k Da MWCO	**SD500S**				
B. Cellulose Acetate MEMBRANES:					
500 Da MWCO	**SD005K**				
1k Da MWCO	**SD010K**				
2k Da MWCO	**SD020K**				
5k Da MWCO	**SD050K**				
10k Da MWCO	**SD100K**				
25k Da MWCO	**SD250K**				
50k Da MWCO	**SD500K**				
100k Da MWCO	**SD1000K**				
C. Polycarbonate MEMBRANES:					
0.01 um	**SD0010P**				
0.05 um	**SD0050P**				
0.60 um	**SD0060P**				

Membranes are supplied either as dry or in 0.05% sodium azide solution. They are ready to use after rinsing with deionized water and buffer.

Regenerated Cellulose membranes are more stable in organic solvents, but the MWCO range is not as sharply defined as that of Cellulose Acetate membranes.

Cellulose Acetate membranes have a sharp MWCO range. They are intended only for aqueous solutions, and the presence of an organic solvent is not recommended.

Polycarbonate membranes are more stable in organic solvents. They are available in four highly controlled pore sizes for a well defined MWCO range.