

Flow-Thru DIALYZER™



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

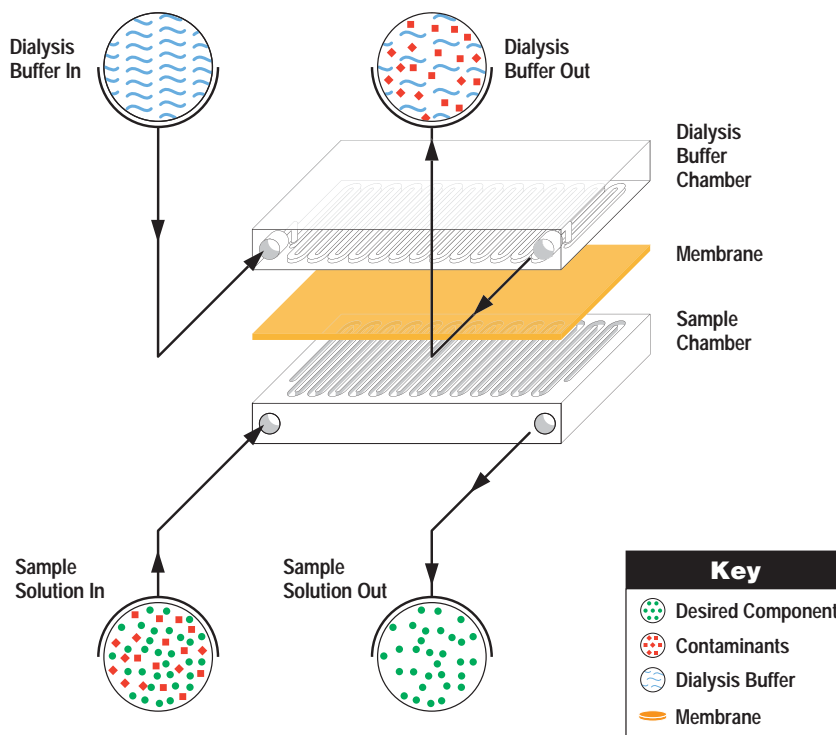
Applications:

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

The Flow-Thru DIALYZER is a unique system for the rapid dialysis of sample volumes from 20µl to 100ml. 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 (20µl, 75µl, 150µl, 300µl and 600µl). 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™



| Catalog No. | \$ | Description |
|-------------|----------|--|
| SSD 000K | 626.00 | Flow-Thru DIALYZER and 300µl Chambers with Fittings, 10 Membranes with MWCO of 10K, pkg. of 1 |
| NP 74-1301 | 1,777.00 | Flow-Thru DIALYZER and 300µl Chambers with Fittings, 10 Membranes with MWCO of 10K, Pump Drive, Two Pump Heads, Tubings Chambers for Flow-Thru DIALYZER, pkg. of 1 |
| SSD 0020 | 597.00 | Flow-Thru DIALYZER Chamber 20µl Teflon, pkg. of 2 |
| SSD 0075 | 477.00 | Flow-Thru DIALYZER Chamber 75µl Teflon, pkg. of 2 |
| SSD 0150 | 477.00 | Flow-Thru DIALYZER Chamber 150µl Teflon, pkg. of 2 |
| SSD 0300 | 477.00 | Flow-Thru DIALYZER Chamber 300µl Teflon, pkg. of 2 |
| SSD 0600 | 477.00 | Flow-Thru DIALYZER Chamber 600µl Teflon, pkg. of 2 |

Cellulose Acetate Membranes for Flow-Thru DIALYZER

| | | |
|---------|--------|---|
| SD 005K | 100.00 | Membranes MWCO 500 Daltons, pkg. of 10 |
| SD 010K | 100.00 | Membranes MWCO 1K Daltons, pkg. of 10 |
| SD 020K | 100.00 | Membranes MWCO 2K Daltons, pkg. of 10 |
| SD 050K | 100.00 | Membranes MWCO 5K Daltons, pkg. of 10 |
| SD 100K | 100.00 | Membranes MWCO 10K Daltons, pkg. of 10 |
| SD 250K | 100.00 | Membranes MWCO 25K Daltons, pkg. of 10 |
| SD 500K | 100.00 | Membranes MWCO 50K Daltons, pkg. of 10 |
| SD 001K | 100.00 | Membranes MWCO 100K Daltons, pkg. of 10 |

Regenerated Cellulose Membranes for Flow-Thru DIALYZER

| | | |
|---------|--------|--|
| SD 010S | 100.00 | Membranes MWCO 1K Daltons, pkg. of 10 |
| SD 020S | 100.00 | Membranes MWCO 2K Daltons, pkg. of 10 |
| SD 050S | 100.00 | Membranes MWCO 5K Daltons, pkg. of 10 |
| SD 100S | 100.00 | Membranes MWCO 10K Daltons, pkg. of 10 |
| SD 250S | 100.00 | Membranes MWCO 25K Daltons, pkg. of 10 |
| SD 500S | 100.00 | Membranes MWCO 50K Daltons, pkg. of 10 |