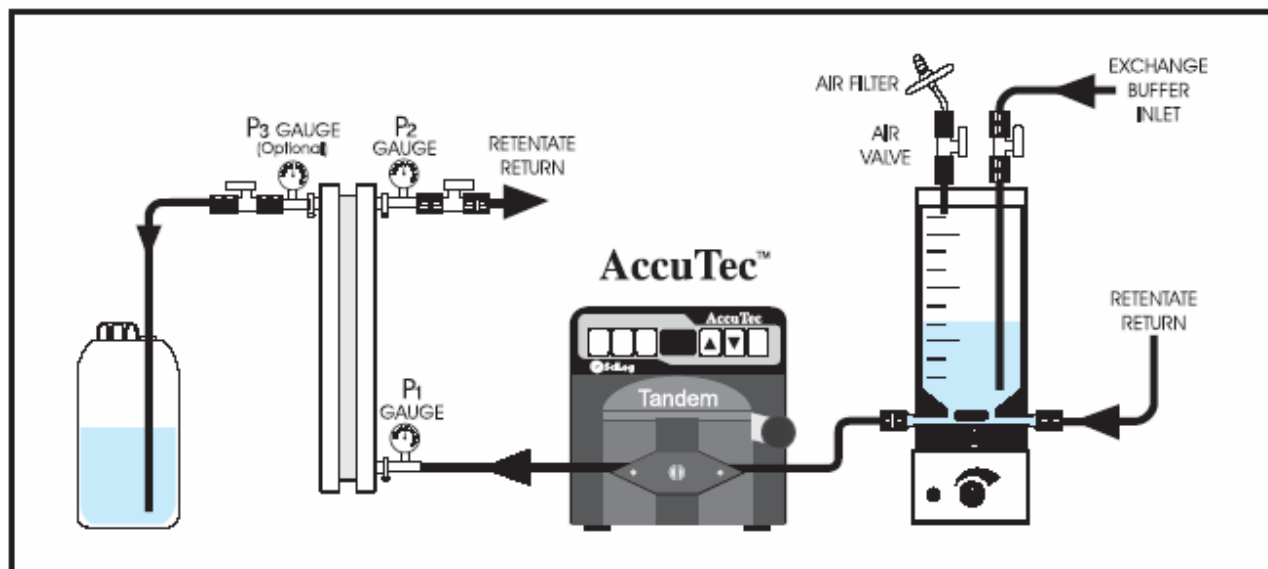


AccuTec: Low Cost TFF System for Protein Concentration and Diafiltration

SUMMARY:

The AccuTec TFF System is perfect for starting volumes of 50 ml to 5000 ml. It has very low hold-up volumes. It utilizes SciLog's Compact, High-Precision ACCU peristaltic pump. There is a choice of three different motor sizes, two different pump head sizes and multiple tubing sizes. A second Tandem peristaltic head (piggy-backed) can be added to increase flow or eliminate pulsation.



FEATURES:

- **Gentle Sample Processing** - low-shear pumping action with **Tandem** peristaltic 4-roller pump head.
- **Aseptic Reservoir Vessel** - for concentration or diafiltration. Closed system creates vacuum in reservoir to draw process solution in as solution is being drawn out of the reservoir by the pump. Graduated 500 ml vessel made of FDA approved polysulfone is compatible with disinfectant, i.e. isopropyl alcohol, sodium hydroxide. Seals do not contact your process solution. All fluid connections are 316 SS Female Luer with SS tubing lining all fluid channels; no exposed connector threads to contaminate. Optional 50 ml vessel is also available (#090-012).
- **Magnetic Stirrer** - powerful, variable speed stirrer with LED in stainless steel enclosure. Use with either 50 ml or 500 ml graduated vessel.
- **Filter Holder** - to hold/organize your Minimate or Pellicon filter cartridge and gauges.
- **Two Pressure Gauges** - to monitor your feed and retentate pressure. If you require monitoring a third pressure, this can also be added. Stainless steel with Luer connectors.
- **Fittings/Tubing Start-up Kit** - includes Male and Female Luer fittings, adapters, barbs, multiple plastic valves, stirrer magnet, tees, clamps reservoir air filters, tubing lengths.
- **Easy Clean-up and Maintenance** - sent to you ready to use. Eliminate cleaning/cross-contamination issues by using low-cost replacement components/tubing.

*Tangential Flow Filtration (TFF) also called Cross-Flow Filtration.

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