



TFF FLUID PATHS · SECOND-SOURCE DISPOSABLES

Single-Use TFF Fluid Paths

Compatible, build-to-spec disposables for single-use crossflow skids.

Every automated TFF skid runs on a single-use fluid path that's consumed each batch — tubing lines, a pump chamber, valves, a filter module, and a reservoir. BioProcess Supplies (BPSSU) builds that fluid path to your specification as a compatible second source: cost relief, supply-chain redundancy, and configurations the OEM catalog doesn't stock. We build the path; your skid, membrane, and process stay unchanged. Compatible with major crossflow platforms, including Repligen KrosFlo and Sartorius Sartoflow.

How It Works

Send your drawing or OEM part number

Engineering Review

Build-to-spec assembly

QC testing and documentation

Ready-to-install del

Flow-path lines & kits

- **Feedlines-** pump-integrated feed paths with pressure-port provisions
- **Retentate lines-** recirculation return with control-valve and TMP-port provisions
- **Permeate lines-** collection paths with sample branches and flow/pressure ports
- **Diafiltration & buffer/WFI lines-** buffer addition into the recirculation loop
- **Media-addition manifolds-** multi-port feed and buffer distribution
- **Prefiltration lines-** inline pre- and clarifying filtration ahead of the membrane

Components & build

- **Pump chambers-** single-use chambers integrated in-line (e.g., Quattroflow SU)
- **Valves-** single-use diaphragm and pinch valves, sourced and assembled in
- **Filtration-** filter and prefilter integration with the path
- **Connections-** sterile connectors and tri-clamp terminations
- **Tubing-** platinum-cured silicone and TPE across all process bores
- **Reservoirs-** bottle and 2D/3D bag assemblies