# SciLog SciPure™

- fully-automated bioprocessing system
- GMP-ready TFF and NFF

Parker domnick hunter

Accelerate to market and reduce your purification costs with SciLog's SciPure™ TFF and NFF Systems.

The SciPure™ systems' user-friendly interface and menu-driven operation with data acquisition (21 CFR Part 11) make them ideal for GMP manufacturing. Systems come with a comprehensive documentation package that drastically reduces validation times.

Semi-manual to fully-automated operation makes tech transfer seamless and accommodates existing processes. The SciPure™ Open Architecture design allows you to use any manufacturer's filters.

Contact Parker domnick hunter to discuss how the SciPure™ system can be quickly configured to accommodate your TFF and NFF needs. We have one of the shortest lead times in the industry.

## Features and Benefits

- Maintains optimal TFF or NFF conditions with fully-automated control
- User-friendly with full colour graphical display, touch-screen and menu-driven operation
- User definable recipes and parameters, or real-time control
- Reduces purification costs by optimizing, controlling and documenting your processes
- Batch method generator
- Configured single-use or stainless steel manifolds with minimum hold-up volume
- Can be used with any manufacturers' filters
- Ethernet, OPC
- User administrative controls




## Applications

- Concentration
- Diafiltration
- Clarification / Sterilization
- Media and Buffer Preparation
- Fluid Transfer
- Mixing
- Chromatography and Column Loading
- Harvest
- Desalting
- Viral Filtration

### Configured Single-Use Manifolds

Individualized, pre-packaged and presterilized manifolds not only reduce cleaning and cleaning validation times, but also reduce setup time by engineering your application and ensuring installation success. You can set up recurring orders for just -in-time delivery of manifolds or they can be stored in secure inventory and atmosphere controlled warehouses. All flowpath designs are individually configured and drawn by in-house engineers.

Integrated with filters, sensors, and bioprocess containers, single-use manifolds can be pre-assembled and sterilized with SciLog SciPres® pressure sensors, Parker domnick hunter filters (or filters of your choice), as well as single-use bioreactor, collection or hanging bioprocess containers.

### Manifolds for TFF

Manifolds can be provided pre-assembled with sensors and integrated filter plate insert for flat sheet membranes or gamma-stable hollow fiber filters.

## Specifications

| | Description |
|---|---|
| Dimension | 50" L x 30" W x 48" H (127cm L x 76.2cm W x 121.9cm H) other configurations available as system requires |
| Enclosure & Rating | 304 Stainless Steel framework, Mobile platform with Pharmaceutical Grade Casters, NEMA 4X, IP65 Rated Cabinet |
| Pneumatics | Compressed air, Nitrogen @ 35 psi |
| Power | 208VAC 1/3 Ph, 480VAC 3Ph |
| I/O Ports | Standard connections for 3 SciPres® pressure sensors, 1 SciCon® conductivity sensor, retentate quantification and permeate flow rate / quantification. Additional I/O and digital communications available. |
| Operational Mode | Endpoint concentration and diafiltration modes, manual mode |
| International Quality Standards | RoHS, CE, ETL, CSA and UL |
| Plant Communications | OPC DA 2.0 |

## Ordering Information

Please contact your local Parker domnick hunter representative to discuss how these systems can be configured for your needs.





Europe: ✆ +44 (0)191 4105121 dhprocess@parker.com - North America: ✆ toll free: +1 877 784 2234 dhpsales.na@parker.com www.parker.com/processfiltration