

# SciFlex™ 150-TFF Single-Use

Pilot Plant & Small-Scale Production TFF System

- *Semi-Automated UF/DF With Constant Rate & Pressure Modes*
- *Disposable Flow Path With Single-Use Components*
- *Mobile System With Compact Footprint*



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# SciFlex™ 150 Single-Use TFF For Pilot & Small-Scale Production

- Provides semi-automated protein concentration (UF/MF) and diafiltration (DF) using your preferred membrane cassette or hollow fiber filter modules
- Engineered for clinical trial production as well as low to mid-scale protein purification, 2-500 liter process volumes



*Pictured Above:*  
SciFlex™ With Dual Watson Marlow Pump Head Option

- Single-use TFF purification manifold with pre-calibrated, disposable sensors for pressure, conductivity & temperature
- Optional SciLog bag-suspension system with integrated load cells & digital display for solution monitoring
- Small Foot Print (20" x 36"), mobile
- Two separate, independently controlled feed and diafiltration pumps allow for constant rate or constant pressure modes (Inlet or TMP)
- 10.4" touch-screen user interface on a raised console with optional OPC connectivity for process documentation

## SciFlex Models: Semi-Automated Mobile Platforms

Model Number	Application
SciFlex 150-TFF	Tangential Flow Filtration
SciFlex 140-NFF	Normal Flow Filtration
SciFlex 130-BTS	Batch Transfer
SciFlex 120-DBF	Buffer Dilution & Bag Filling

## Pre-Calibrated Single-Use Sensors

SciPres®  
Pressure



SciCon®  
Conductivity



SciTemp®  
Temperature



## SciFlex™ System Specifications

<b>Feed Pump:</b>	Watson Marlow 620 Series Pump Head; Elemental Tubing, 15 LPM, 60psi max†
<b>Aux. Pump:</b>	MasterFlex High Performance Pump Head; I/P 70 tubing, 8 LPM, 35psi max†
<b>Sensors:</b>	Pre-Calibrated, Single-Use Pressure, Conductivity and/or Temperature Sensors
<b>Filter:</b>	Accommodates both flat sheet and hollow fiber filters from GE, Pall, Millipore, Sartorius, etc.
<b>Motors:</b>	1.0 KW, AC Servo-Controlled, Optically Encoded
<b>Power:</b>	208 VAC Single Phase / Optional 208 or 480 VAC Three Phase

† Contact SciLog For Additional Options



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