

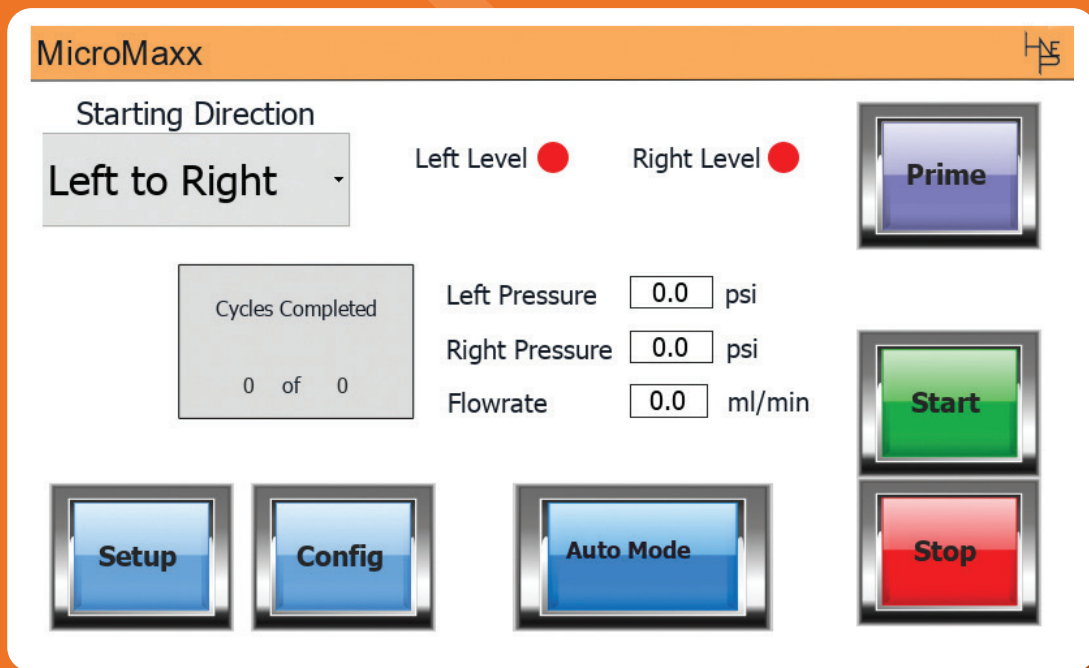
MICROMAXX
By HPNE

Benchtop TFF Screening System



Our MicroMaxx tangential flow filtration (TFF) systems are designed specifically for benchtop TFF applications and hollow fiber filter screening.

Through the main screen, the device can be run in either a manual or automatic mode: manual mode enables users to manually choose the direction of the fluid at the push of the button, while automatic mode allows fluid to be passed parallel from the outermost syringes to the filter, traveling in an alternating pathway. The system's automatic mode saves end-users time, simplifying a previously tedious lab process.



INCREASE PRODUCTIVITY

Reduce experimental variability by allowing preset conditions for each experimental run, in-turn decreasing likelihood of human error.



SAVE TIME

Save time throughout your process using the system's automatic mode.



INCREASE ACCURACY

Our system automates your processes, allowing you to screen more filters and record data in live-time.

Features:

- Quick, efficient screening of hollow fiber filters
- Two modes of operation – manual & automatic
- Detailed HMI screen for ease of use
- Self-priming design
- Adjustable rig
- Touch screen features:
 - RPM readout of pumps
 - Pressure read out on either side of filter
 - Manual priming feature
- Compact design with cleanable outer surface

Benefits:

- Automated benchtop TFF processes
- Elimination of manual, routine work in lab
- Walk-away operation when in automatic mode
- Quiet operation
- Ease of use and quick startup
- Integration of pressure sensors
- Integration of single-use diaphragm pumps



Applications:

- Benchtop tangential flow filtration (TFF)
- Vaccine development
- Monoclonal antibody development
- Concentration of protein, antibodies, and microbial cells
- Diafiltration of proteins or uniform latex particles and other diagnostic particles
- Clarification of lysates to remove cell debris from soluble proteins
- Recovery of serum from whole blood
- Media clarification for hollow fiber bioreactors
- Virus separation
- Other biomanufacturing applications



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