



Membrane fouling simulator

The membrane fouling simulator was developed to quickly evaluate biofouling in reverse osmosis systems. The system will measure the pressure drop over time, which will increase due to biofouling. The MFS is an easy, reliable and cheap measurement to compare biofouling potential of different waters or membrane/spacer configurations.

The Convergence Inspector MFS is an ideal solution for bench-scale studies on membranes. The user-friendly software and design will bring the following advantages:

- Timesaving due to automation and easy interface
- Highly automated with automatic PDF generation
- Easy programming allows 24/7 experiments with remote access
- Compact design allows on-site testing.

As with all Convergence systems, the entire system can be customized up to your requirements. Please contact us for more details.

Develop
big
ideas



Save time
on
research



Automate
your
workflow

GENERAL FEATURES

- Fits any module or cell
- Constant flow or pressure
- Dead-end filtration experiments
- Biofouling experiments
- MFS cell included: 20cm

TYPICAL SPECIFICATIONS

- Default flowrate 18 L/h
- Pressure sensor range: 0 - 4 bar delta
- Tubing material: Flex PP/PTFE JG pushin
- Optional sensors for turbidity, conductivity and PH

MORE INFORMATION?

Please do not hesitate to contact us for any additional information on:

- Contract membrane testing
- System rentals

T +31 (0) 53 461 55 57

E info@con-vergence.com