



This small and versatile benchtop filtration system is designed for limited space environments.

The system can be used with a range of small micro and ultra-filtration modules for experimental development and scaling studies.

The rig shown contains a hollow fibre cartridge with a typical membrane area of around 0.2m².

Installed instrumentation measures pressure, temperature and flow.

A heat exchanger is included for thermal control located inside the tank.

The entire system comes with a flight case to store or move the equipment around without damage.

Data logging is available to record the process parameters.

Data

Membrane Area	0.2m ²
Operating Pressure	Up to 2.0 bar
Operating Temperature	5-80°C*
pH Range	2-13*
Retentate flowrate	Up to 2,000 L/hr
Permeate flowrate	Up to 200 L/hr
Tank volume	6L
Dimensions	0.46 x 0.35 x 0.90 m
Holdup volume	0.2L
Electrical supply	13A, 100-240V, 50/60Hz, 1ph

*Limited by maximum membrane operating conditions.

Membranology is independent of any supplier which means our engineers will always choose the optimum membrane for a given application based on extensive trial and process experience.

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