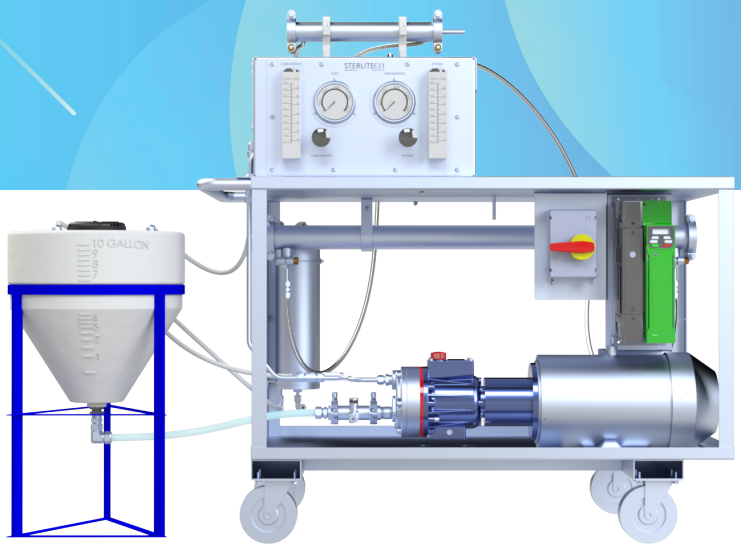
Analog Pilot Test Skid



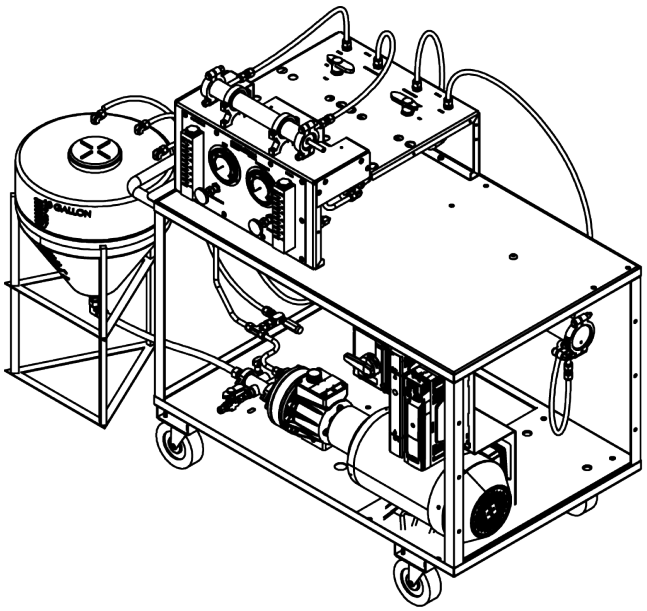
The Sterlitech™ Pilot Membrane Test System is designed to evaluate the performance of smaller spiral-wound membrane elements widely used in RO, NF, UF, and MF applications for small-scale production or to simulate the performance of larger, commercially available elements.

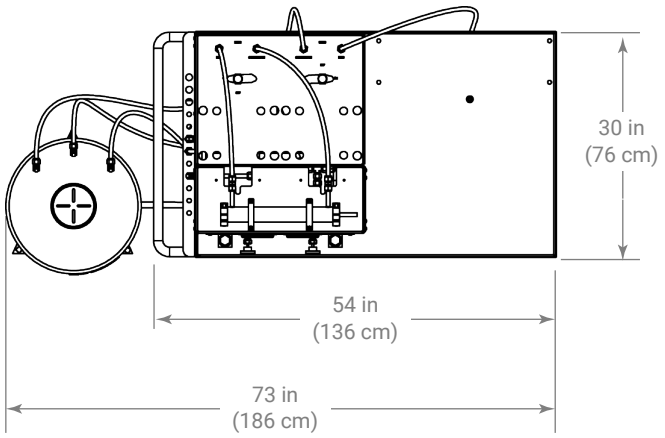
Configured with 2 parallel lines and the ability to scale to multiple housing sizes, this test bench unit offers precise adjustment and control of flow parameters to accommodate a wide range of applications. Housing options can be interchanged as required, including integration of tubular ceramic housings.

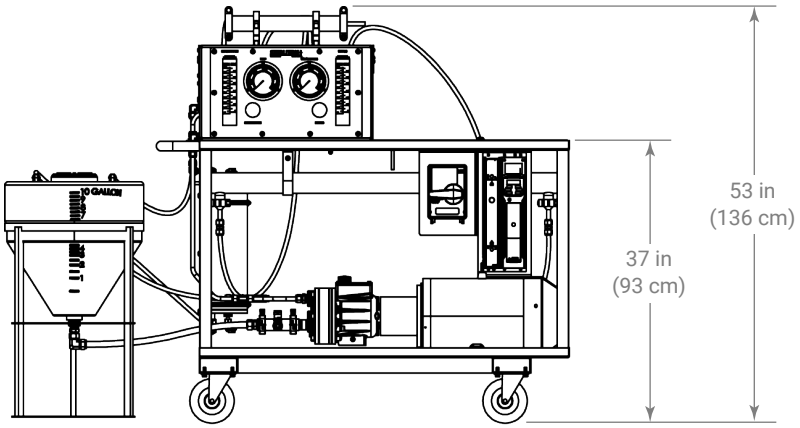
Specifications

Housing Type	1812 Housing (316SS) 2540 Housing (316SS)
Membrane Sample Size	1812: max 0.5 m^2 2450: max 3.5 m^2
Configuration	2 Parallel Lines
Feed Flow Rate	33.3 LPM (8.8 GPM)
Max Pressure	69 bar (1000 PSI)
Data Monitoring	Pressure, Flow Rate
Max Temperature	82 °C (180 °F)
Electrical Supply	230V, 50/60 Hz, 3 Ph
Pump and Motor	Hydra-Cell Diaphragm Pump Leeson Washguard Motor

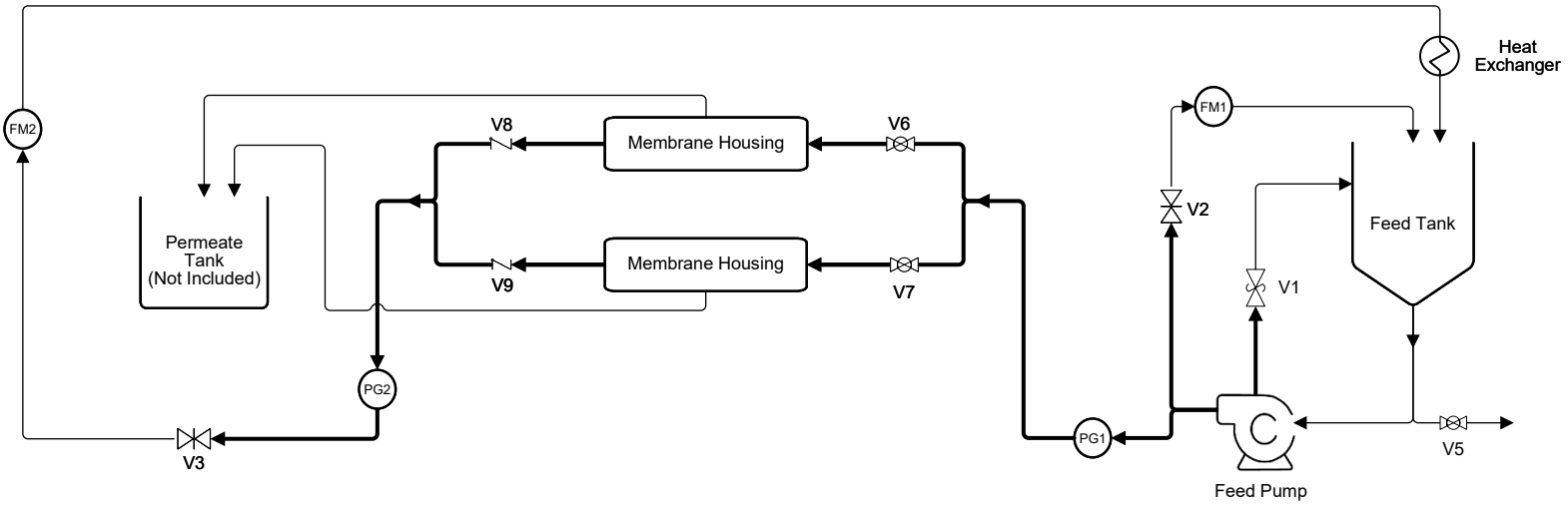
Skid Dimensions







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Analog Pilot Skid P&ID

Legend	
V1	Feed Pressure Relief Valve
V2	Bypass Valve
V3	Pressure Control Valve
V4	N/A
V5	Drain Valve
V6	Bank Selector Valve #1
V7	Bank Selector Valve #2
V8	Back Flow Preventer Valve #1
V9	Back Flow Preventer Valve #2
PG1	Feed Pressure Gauge
PG2	Concentrate Pressure Gauge
FM1	Bypass Flow Meter
FM2	Concentrate Flow Meter

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