



Submersible FSM Pilot Unit

Technical data	
Rack material	STS 304
Module material	Polyurethane
Membrane material	Silicon Carbide
Dimension of unit	H: 630mm x W: 400mm x D: 160mm
Maximum flow	0,5m ³ /hour
Active membrane area	0,5 m ²
Filtration principle	Vacuum driven outside-in filtration
PH range	1-12
Maximum pressure	5 bar
Maximum operating temperature	80°C
Pore size range	0,2 μm - 1μm - 3μm
Cleaning	Chlorine, acids, solvents, caustic and oxidizers

FUNCTION AND DESIGN

The Flat sheet membrane pilot unit gives you the opportunity to proof our technology simply and inexpensively. The unit can be supplied with pumps and controls on demand. The unit is equipped with aerator unit below the polyurethane module blowing coarse air-bubbles across the membrane surface in order to

continuously keep the membrane surface clean and maintain a high flux rate. Our unique Silicon Carbide membrane material is extremely durable and therefore also provides you with the option of cleaning the membrane surface with a high pressure water jet.