



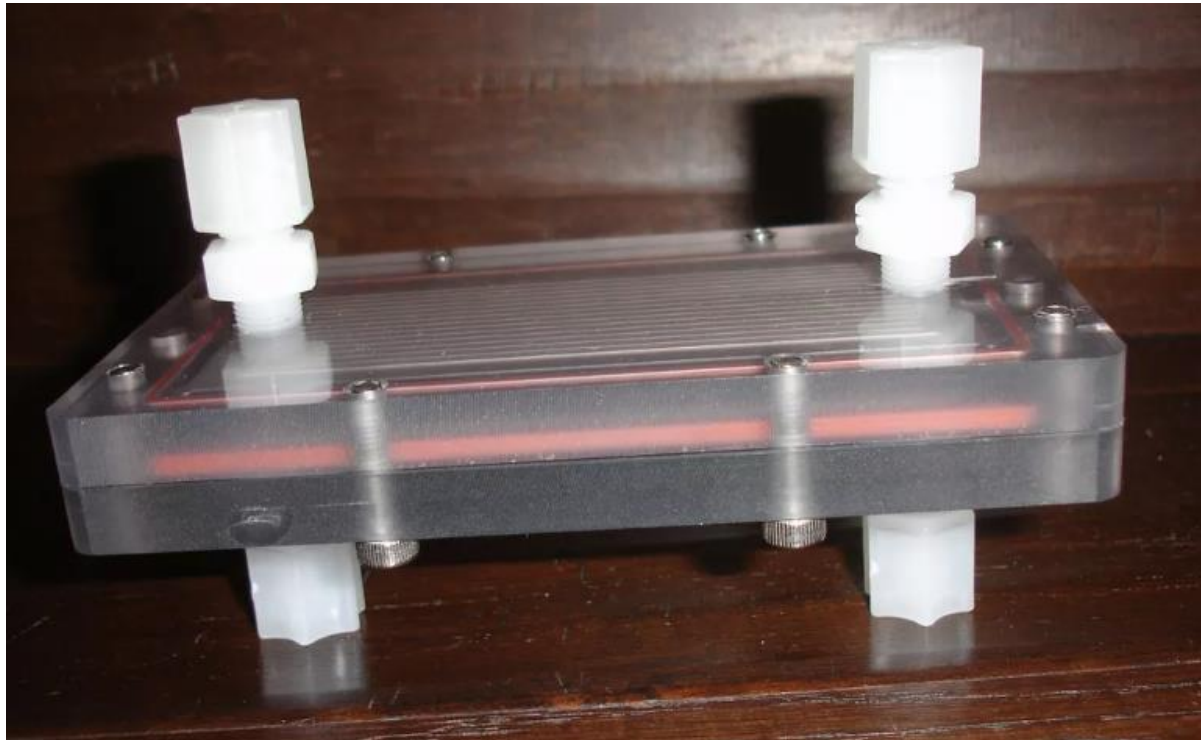
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Forward Osmosis Test Cell

Description: A forward osmosis (FO) test cell is a miniature unit designed to evaluate the performance of forward osmosis membranes under controlled conditions. It mimics the essential elements of a larger FO system and allows researchers to study membrane characteristics, optimize processes, and test the effectiveness of FO for specific applications.

In the FO test cell, the formed channels ensure continuous circulation of both the feed and draw solutions within their respective chambers, enhancing mass transfer and efficient contact between the solutions and the membrane.





Forward Osmosis Test Cell

Product Description	
Membrane Holder	Delrin/SS/better
Membrane Area	100 mm × 150 mm
Seals	Nitrile
Operating Pressure	< 3 kg/cm ²
Operating Temperature	< 50 °C
Feed Port, Con. Port, Permeate port	¼” BSP quick connector to suit 3/8 mm pipe

Note*: Customized dimensions based FO Test Cell available

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