



Ref. No.

Date:

Membrane Distillation Test Cell

Description: A Membrane Distillation Test Cell, also referred to as VMD (Vacuum Membrane Distillation), AGMD (Air Gap Membrane Distillation) and MDC (Membrane Distillation Crystallization), is a small-scale apparatus used to study the membrane distillation (MD) process. MD is a thermally driven desalination technique that uses a membrane to separate pure water vapor from a saline solution.

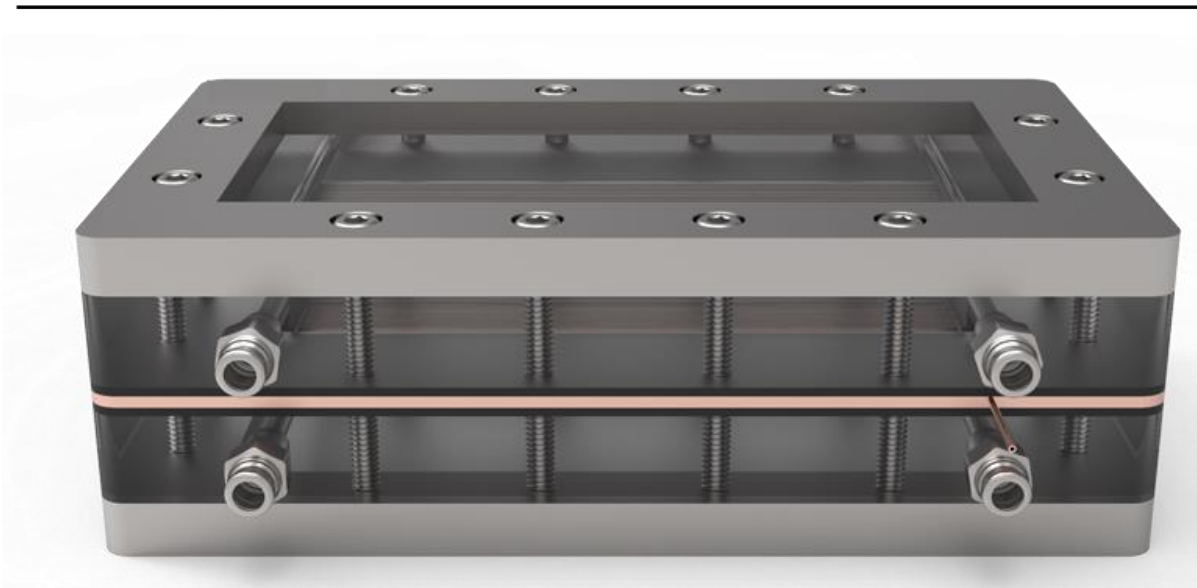
MD Test Cell is valuable for researchers and developers working on membrane distillation technology. They are used for:

Evaluating membrane performance: Testing the effectiveness of different membranes for MD applications.

Optimizing process conditions: Studying the effect of various factors like feed temperature, permeate temperature, flow rates, and membrane characteristics on MD performance.

Developing new MD configurations: Investigating and testing novel MD configurations for improved efficiency.





Membrane Distillation Test Cell

(Test Cell Available for VMD, AGMD, MDC)

Product Description

MOC of holder	Delrin/better
MOC of seal	Nitrile
The effective area of membrane	100 mm x 150 mm
Hot brine water recirculation port	1/4" BSP inlet / 1/4" BSP outlet
Cold freshwater recirculation for DCMD port	1/4" BSP inlet / 1/4" BSP outlet

Note*: Customized dimensions based MD Test Cell available

Contact us:

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