



COOPERATE

Product Description

The MDG-M5 degassing membrane contactor adopts the latest degassing technology of Cooperate PTFE hollow fiber membrane filament and is a highly efficient degassing membrane product. This product achieves efficient dissolved gas removal and ensures the lowest pressure drop, effectively avoiding the impact of bubbles in the liquid on equipment operation. MDG-M5 has a compact design and strong adaptability. The maximum flow rate can reach 400 ml per minute, making it suitable for various application scenarios.

Features and Advantages

- Online degassing, low pressure loss
- Compact appearance, small space
- High dissolved oxygen removal rate, PPb-level degassing can be performed
- Black shell can protect UV-sensitive inks
- Cooperate's unique PTFE hollow fiber technology
- Longer component life

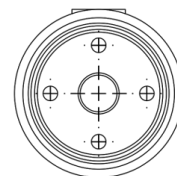
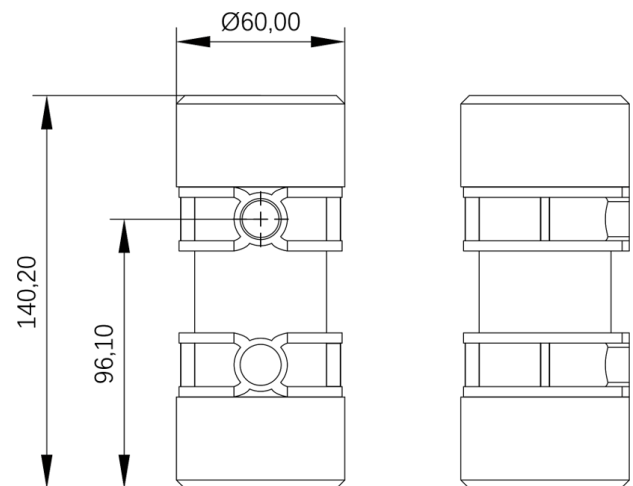
Material Composition

Components	Material
Shell	PVC
Membrane	PTFE
Sealing ring	EPMD
Potting	Epoxy resin

Specification

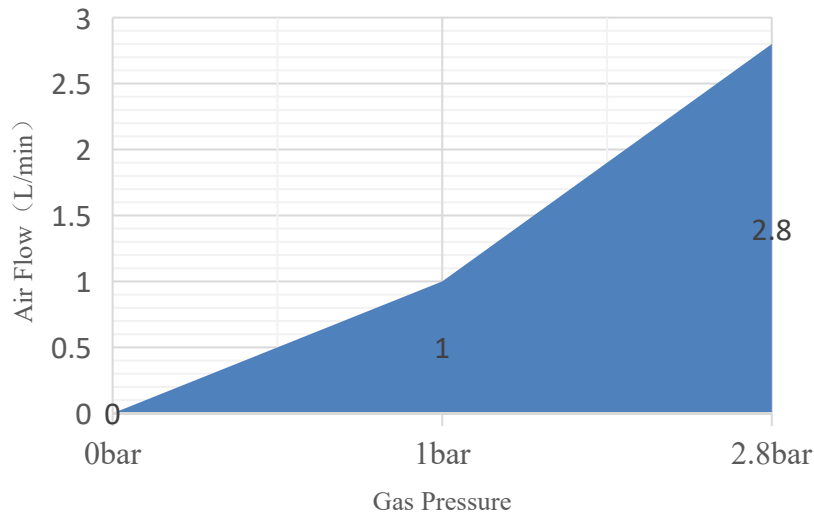
Flow rate	100~400mL/min
Membrane area	0.17m ²
Interface	NPT 1/4
Maximum operating temperature	50°C/122°F
Maximum operating pressure	0.3MPa@50°C
Weight	275g
Maximum vacuum pressure	-98KPa
Save method	Dry storage

PTFE-MDG-M5 Degassing Membrane Contactor



Membrane Module Dimension Drawing

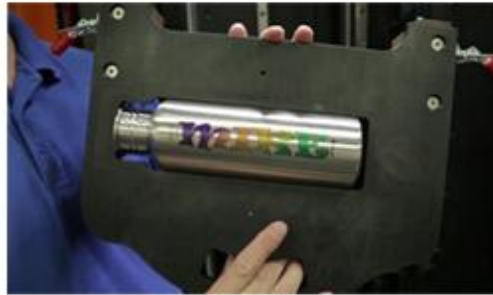
Degassing Membrane Contactor Gas Flux Test:



The test aims to evaluate the air permeability of the degassing membrane contactor. The temperature is 25°C, and the gas is compressed air. The test method is to apply a certain gas pressure to the outside of the membrane contactor, connect the vacuum port of the membrane contactor to the gas flow meter, and test the air permeability under different pressures. The individual deviation of the membrane contactor from the average level is within $\pm 3\%$.

Application Areas:

- ◆ Ceramic printing
- ◆ Digital textile printing
- ◆ Wide format printing
- ◆ Degassing of developer and semiconductor cleaning agent
- ◆ Degassing of biochemical pure water



WhatsApp: +86 15556910898

Email Address: boruik15@gmail.com

Please visit our website: www.coopmem.com

Company Address: Building 17, Hefei Hi-Tech International Enterprise Port, Liandong U Valley, No. 2899 Kongquetai Road, Hefei Hi-Tech Zone, Hefei, China