

## Product Description

The MDG-M6 degassing membrane contactor adopts the latest degassing technology of Cooperate PMP 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-M6 has a compact design and strong adaptability. The maximum flow rate can reach 500 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 PMP hollow fiber technology
- Longer component life

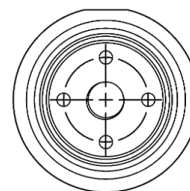
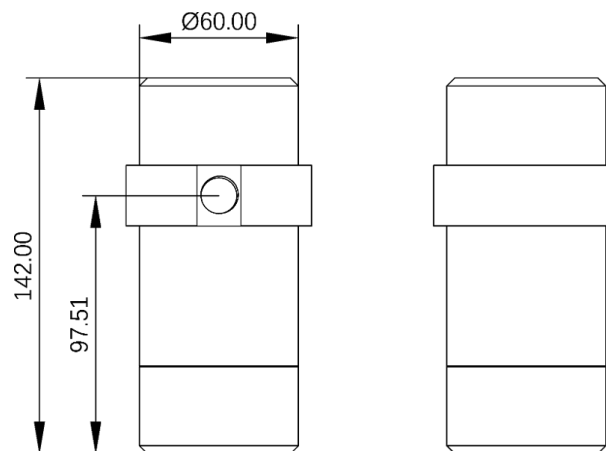
## Material Composition

Components	Material
Shell	PP
Membrane	PMP
Sealing ring	EPDM
Potting	Epoxy resin

## Specification

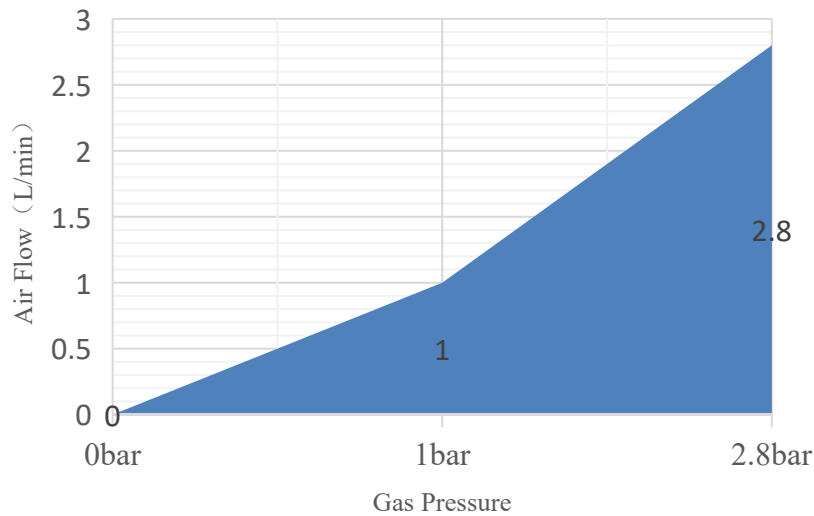
Flow rate	0~500mL/min
Membrane area	0.32m <sup>2</sup>
Interface	NPT 1/4
Maximum operating temperature	50°C/122°F
Maximum operating pressure	0.4MPa@50°C
Maximum vacuum pressure	-98KPa
Storage Conditions	Dry storage

## PMP-MDG-M6 Degassing Membrane Contactor



Membrane Module Dimension Drawing

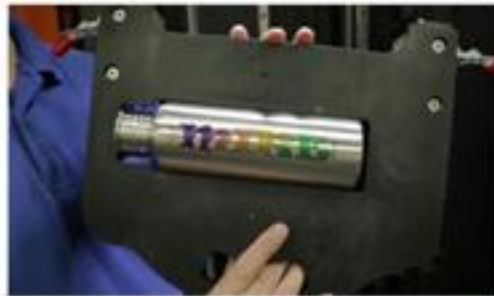
## Degassing Membrane Contactor Gas Flux Test:



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
- ◆ Degassing of developer and semiconductor cleaning agent
- ◆ Degassing of biochemical pure water



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