

The CMO8 Oxygenator

Engineered for ECLS, Designed for Confidence



**Maximum Efficiency,
Fewer Changeouts,
Enhanced Safety**

Counter-Current Blood Flow

Introducing the CMO8, purpose-built for ECLS. The CMO8 features a true counter-current design for both blood/gas and blood/water pathways - delivering industry leading gas and heat exchange performance.



With a 2.47m² membrane, the CMO8 offers the **largest surface area available**. This should result in reduced changeouts and increased patient safety.

- ✓ **Advanced Countercurrent Design**
Enhances both gas and heat exchange efficiency
- ✓ **Largest Gas Exchange Area - 2.47m²**
Supports fewer change outs, therefore reducing risks
- ✓ **Integrated Venous and Arterial Bubble Traps**
Improved Air Handling and Patient Protection
- ✓ **Coated for Safety**
Non-Animal Derived, Synthetic Albumin Surface Coating
- ✓ **Radial, outside to inside blood path**
More surface area to support maximized gas exchange efficiency

Enhanced Air Handling

The CMO8 incorporates safety features which combines venous and arterial bubble traps.

Gaseous microemboli can be particularly challenging when working with Polymethylpentene membrane, which are used for longer term applications such as ECLS. Through extensive computerized fluid dynamic research, we have been able to optimize the air handling of the CMO8. By incorporating dual access air removal points, we have successfully created two highly efficient bubble traps within the oxygenator.



CMO8 Oxygenator Specifications	
Intended Use Time (up to)	6 Hours
Blood Flow Range	1 - 7 lpm
Static Priming Volume	300 ml
Heat Exchanger Surface Area:	0.27 m ²
Gas Exchanger Surface Area:	2.47 m ²
Blood Inlet/Outlet:	3/8" Barbed
Gas Inlet/Outlet :	1/4"
Water Inlet/Outlet:	3/8" Hansen

Coated as standard.
Every CMO8 oxygenator is coated as standard with our proprietary surface coating. **RHEOPAK** is a non animal derived, human synthetic albumin fomulation. The coating itself does not contain heparin, has been used in tens of thousands of Oxygenators and has been used by Chalice Medical for over a decade.

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A new and innovative bracket has been designed to hold the CMO8. Leveraging state of the art manufacturing techniques to create a device traditionally very hard and time consuming to manufacture.



- Maintains the product at an optimized angle (5°) to aid air removal,
- Quick and easy insertion and removal of the device,
- Securely retains the device throughout use and during patient movement

CMO8 Standard Ordering Product Codes	
CMO8 Standard ECLS Pack	CME40009
CMO8 Holder/Bracket	CMEH054



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