

EOS ECMO

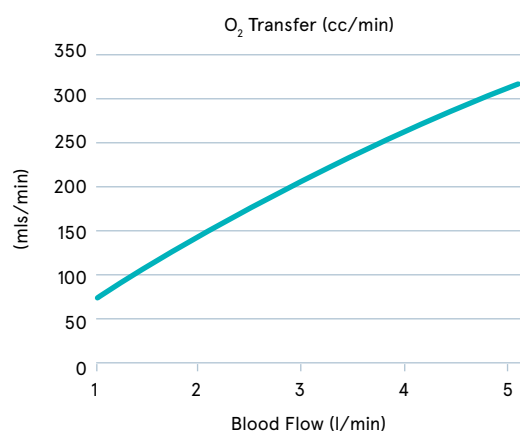
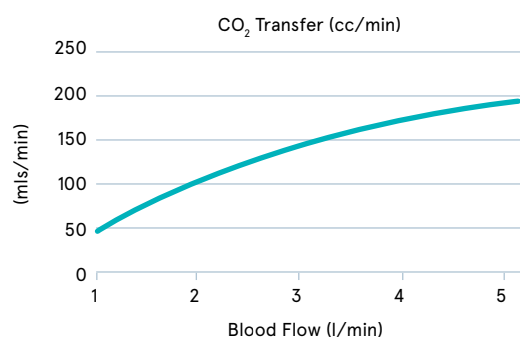
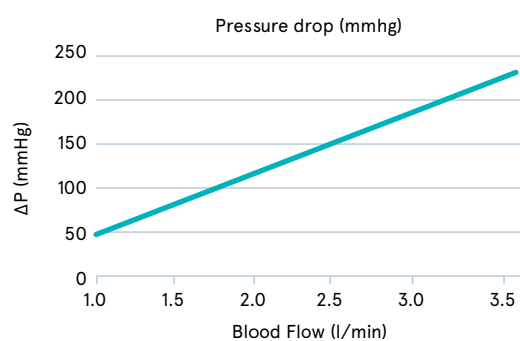
Intended for Long-Duration Procedures
Hollow Fiber Oxygenator



PLASMA-TIGHT HOLLOW FIBER OXYGENATOR

- Dedicated to adult long term procedure with 5 days validation
- Adult Ecmo Oxygenator with the smallest membrane surface area and the lowest priming volume

PERFORMANCE



5 DAYS
VALIDATION

- Low priming volume
- Reduced membrane surface area
- PH.I.S.I.O coating

CHARACTERISTICS

EOS ECMO is part of the LivaNova ECMO oxygenators family.

Equipped with the well known Polymethylpentene Hollow Fiber, it guarantees optimal performance for Pediatric and Adult patients undergoing long duration surgery or requiring extended cardiac-respiratory support.

With a low priming volume, reduced membrane surface area, fully Phosphorylcholine coated, it represents the optimal choice for patients requiring long-term support with blood flow up to 5 liters/min.

All the surfaces in contact with blood are PH.I.S.I.O coated

PH.I.S.I.O coating is a second generation, truly biomimetic coating which aims at improving the haemocompatibility of the system, rendering each blood contact surface virtually undetectable to the whole range of critical physiological response mechanisms within the blood.

Blood material interfaces are “camouflaged” with the basic molecular component common to all cell membranes, the phosphorylcholine (PC) molecule.



Technical Features

Recommended maximum blood flow (ml/min)	5000
Static priming volume (oxy module+HE) (ml)	150
Membrane surface area (sqm)	1.2
Membrane type	Hollow Fiber
Membrane material	Polymethylpentene
Heat exchanger surface area (sqm)	0.14
Heat exchanger material	Stainless Steel
Connections:	
- Venous inlet	3/8"
- Arterial outlet	3/8"
- Recirculation/Purging Line	1/4"

Order Guide

050521	EOS ECMO Oxygenating Module, PH.I.S.I.O Coated
05107	EOS ECMO Holder

www.livanova.com



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