



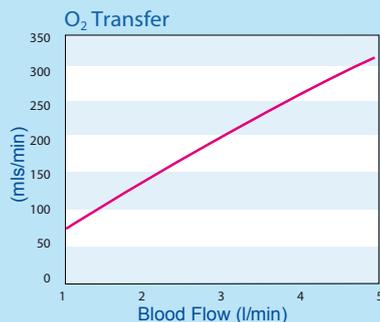
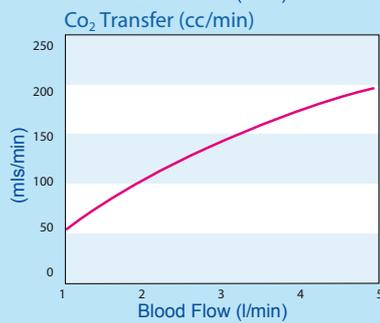
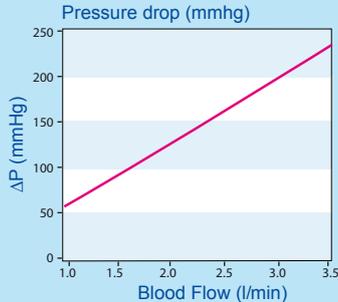
INTENDED FOR LONG-DURATION PROCEDURES
HOLLOW FIBER OXYGENATOR



PLASMA-TIGHT HOLLOW FIBER OXYGENATOR



PERFORMANCE



5 DAYS VALIDATION

- LOW PRIMING VOLUME
- REDUCED MEMBRANE SURFACE AREA
- PHISIO COATING

CHARACTERISTICS

EOS ECMO is the newly arrived in the Dideco ECMO Oxygenator 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.



PHOSPHORYLCHOLINE INERT SURFACE

All the surfaces in contact with blood are Phisio coated
Phisio 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

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|--------|--|
| 050521 | EOS ECMO Oxygenating Module, Phisio Coated |
| 050128 | EOS ECMO Holder |

The Sorin Group Italia Quality System complies with:
EN ISO 13485:2003/AC:2007

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