

Membrane Oxygenator **OxyPrime[®] DUO**

Braile OxyPrime[®] quality, now with a **DOUBLE** safety system

99% bubble removal effectiveness.

Excellent gas transfer performance.

Heat exchange efficiency due to Hexpet[™] fiber.



The **OxyPrime® DUO** membrane oxygenator features an air bubble removal geometry and high oxygenation performance.

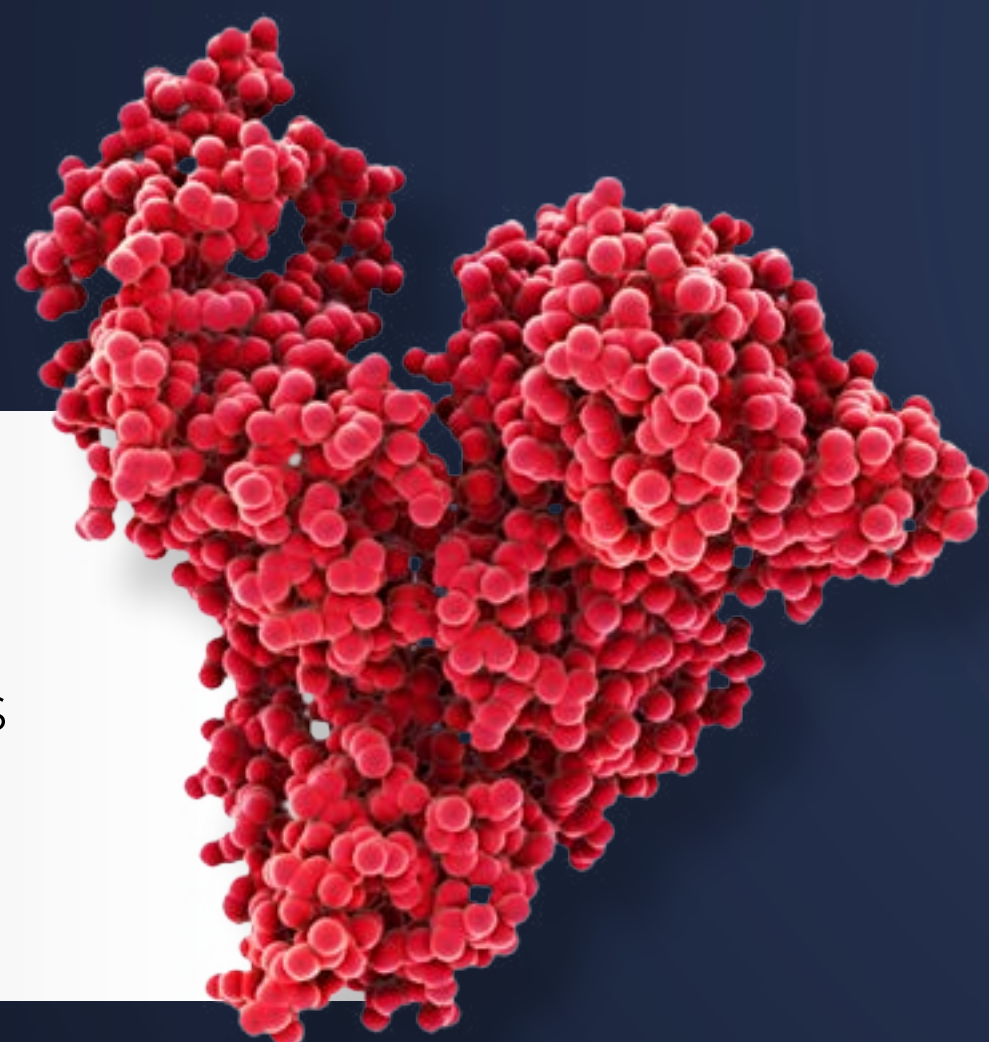
- OxyPrime® DUO features a screen 41-micron thick, 500cm² polyester filter, preventing clots, particles and microbubbles from reaching the patient. The air removal structure, along with the filter screen, has 99% of bubble removal efficiency.
- The capillaries' high porosity, in combination with a homogeneous pore distribution, provides an excellent gas transfer performance to the membrane.
- The heat exchanger is made of high-performance fiber-reinforced plastic called Hexpet™, ensuring an efficient heat exchange.



BRCoating®

The oxygenator is covered with biocompatible BRCoating®

A solution made of recombinant albumin which covers the product's inner surface, reducing its interaction with blood.



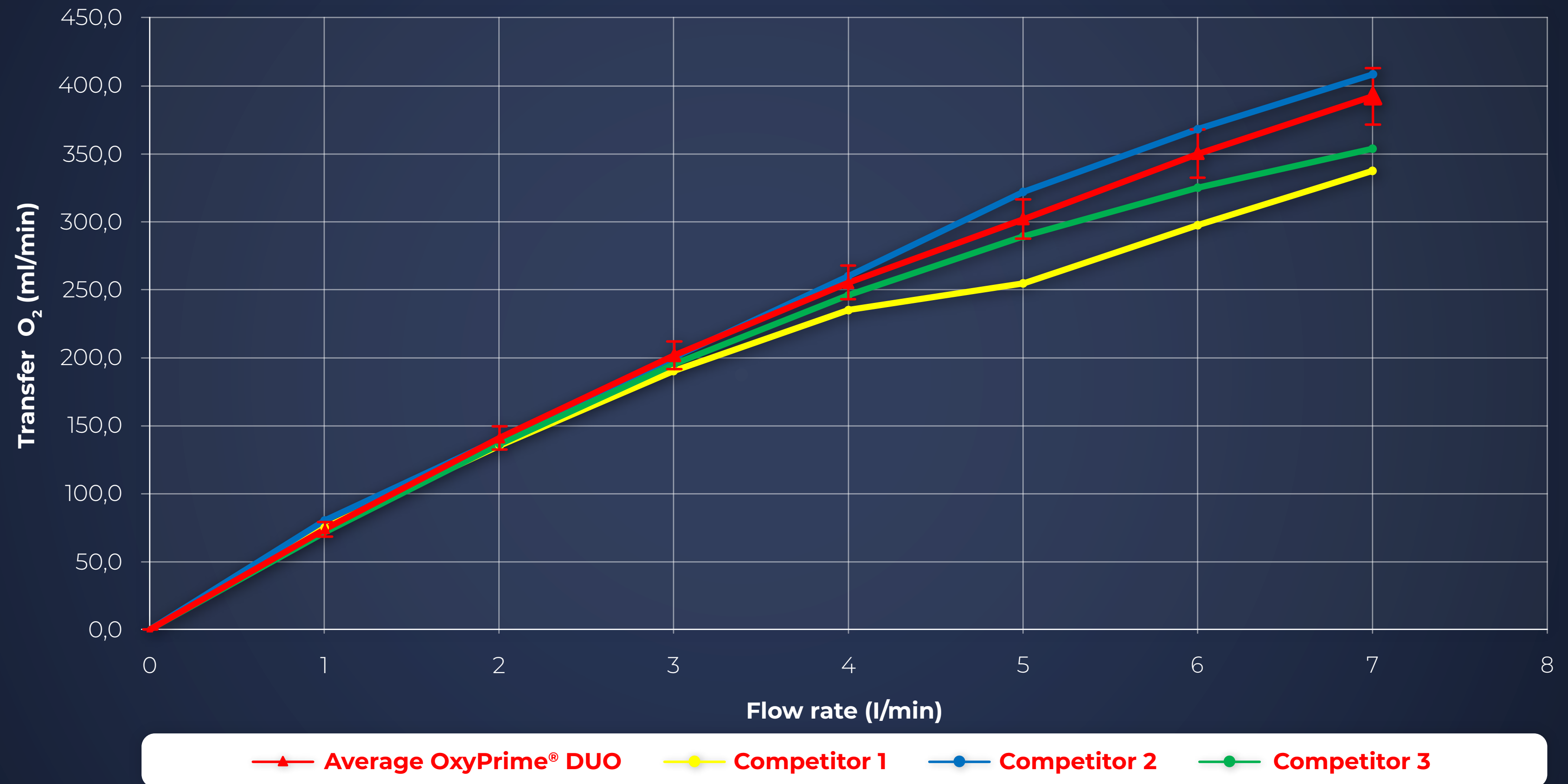
100% BRCoating® -covered oxygenator



Charts

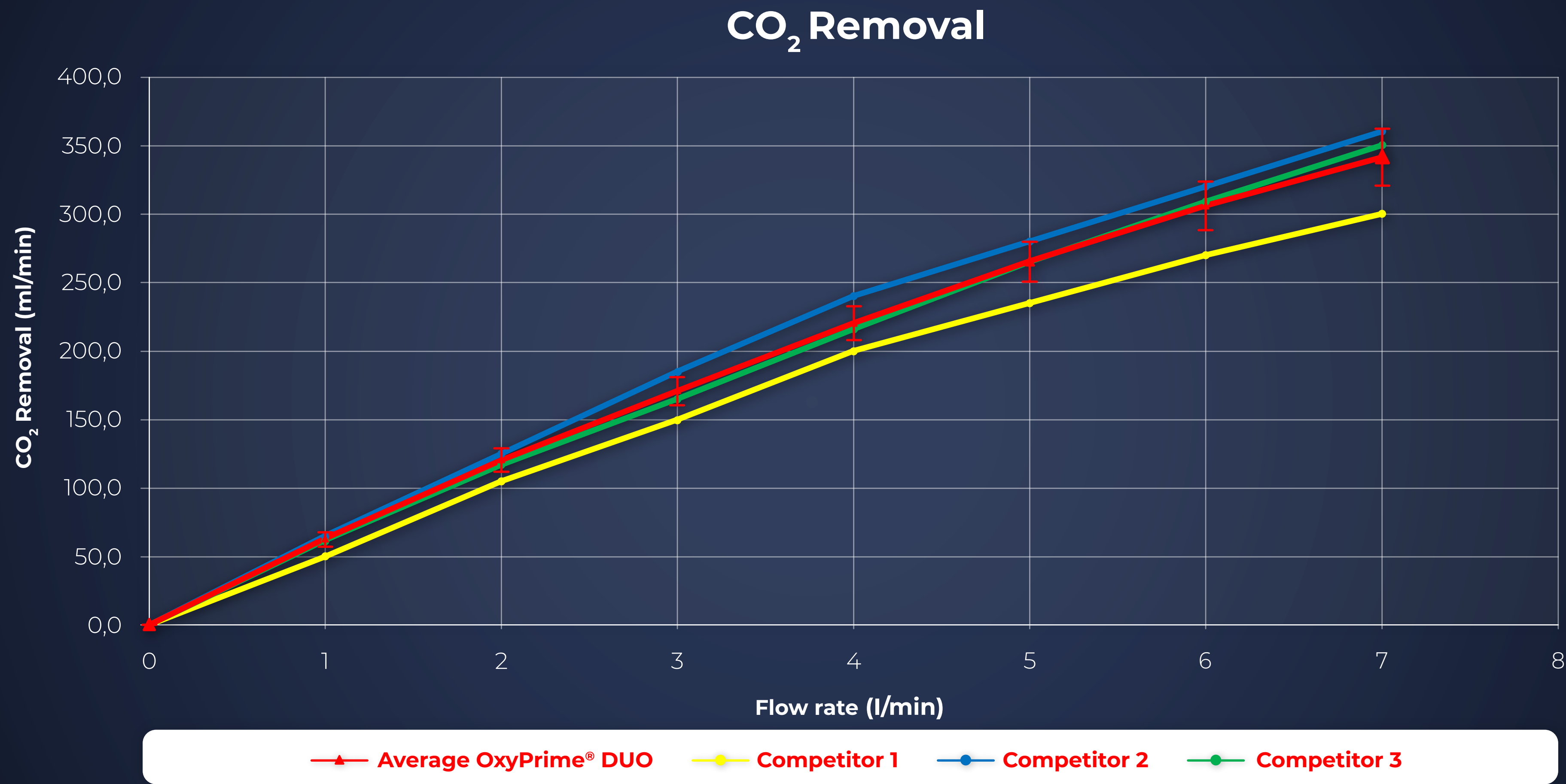
● O₂ transfer rate

O₂ transfer



Charts

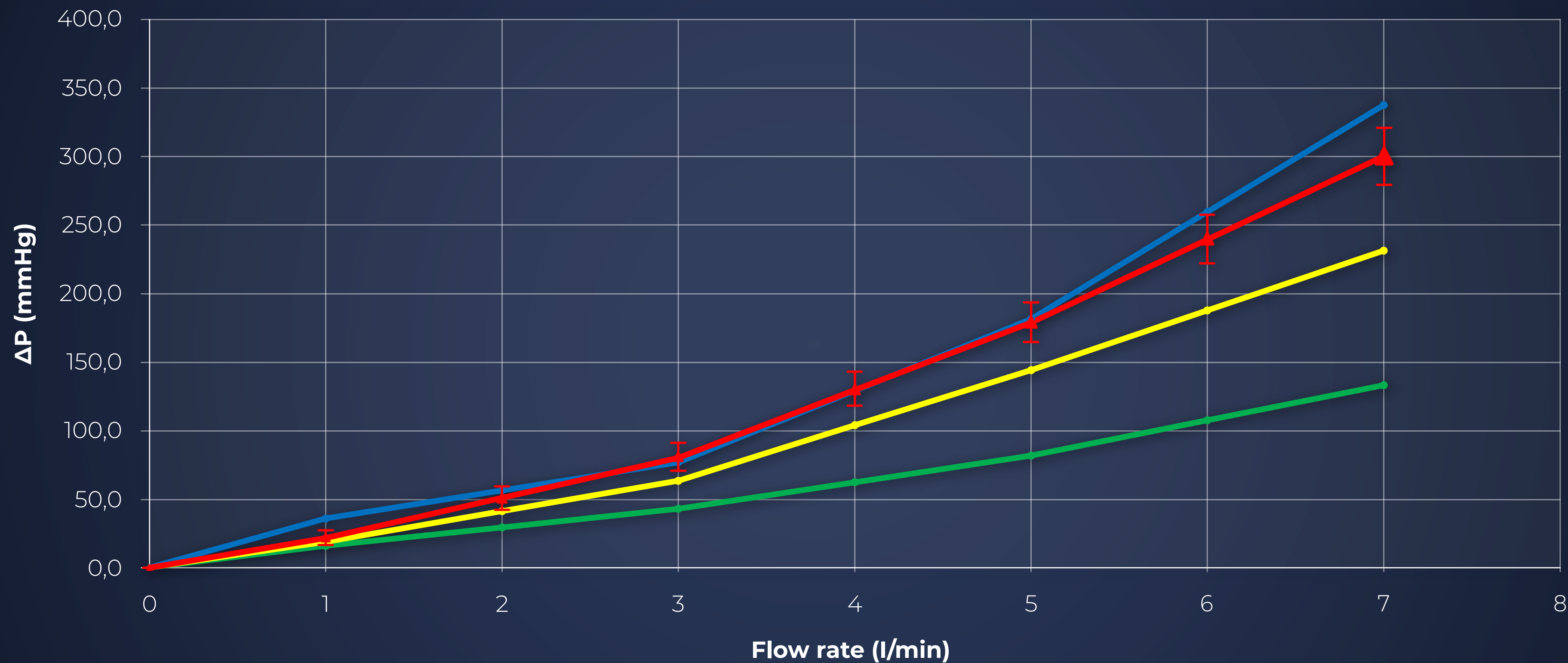
● CO₂ removal rate



Charts

● Pressure gradient

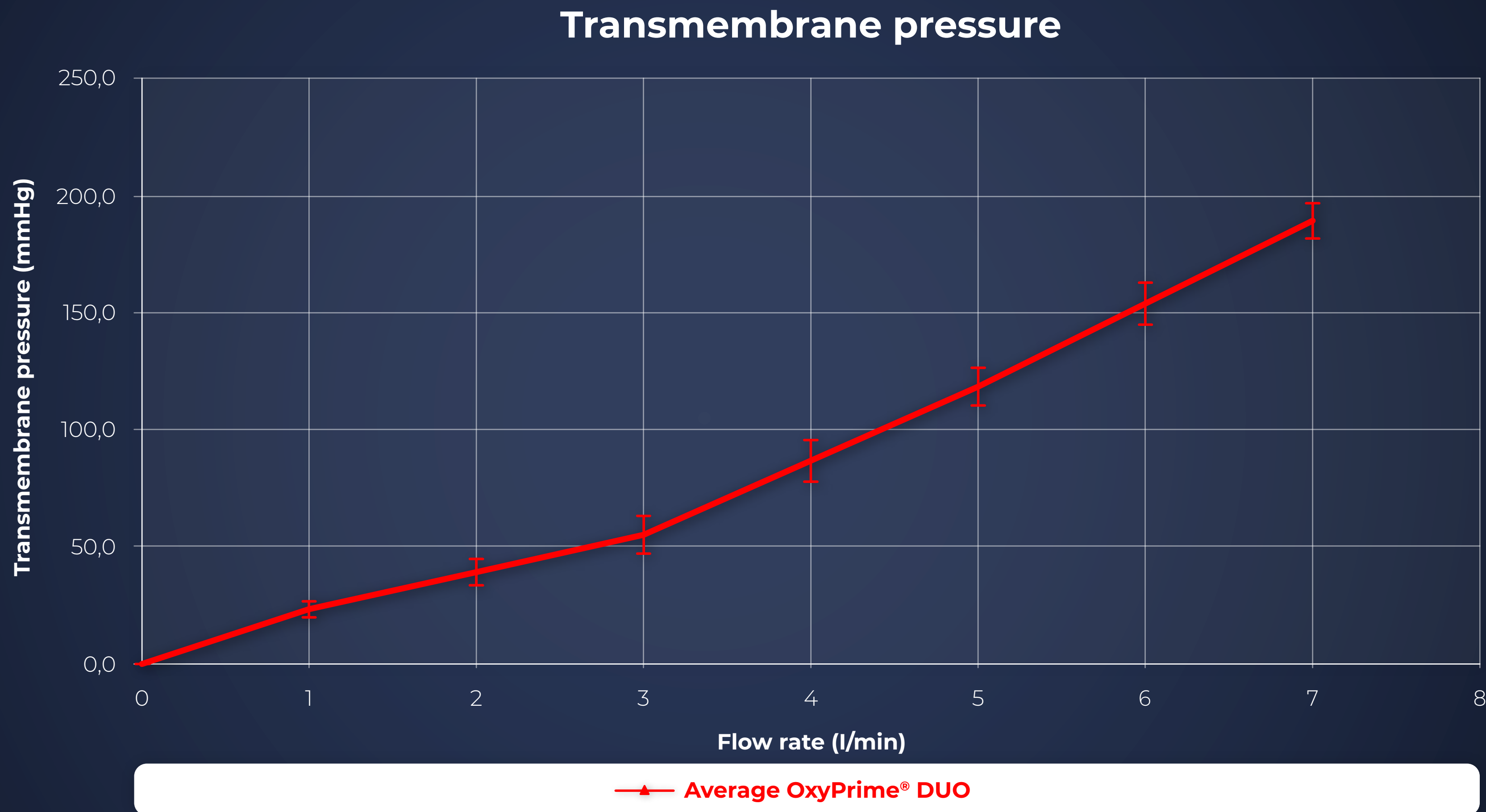
Pressure gradient



—▲— Average OxyPrime[®] DUO —●— Competitor 1 —●— Competitor 2 —●— Competitor 3

Charts

● Transmembrane pressure



Technical Specifications

Component	Specification
Oxygenation membrane	Polypropylene
Heat exchange fiber	Polyester
Arterial filter	Polyester
Body (frame)	Polycarbonate
Plugs	Polyethylene
Coating	BRCoating®
Blood flow	1-7L/min
Gas flow: blood flow	0,5:1 - 1:1 - 2:1
Filtering area	500cm ²
Priming	270ml
Blood inlet connector	3/8"
Blood outlet connector	3/8"
Gas inlet connector	1/4"
Recirculation connector	1/4"
Bubble collector connection	Luer Lock
Water connector	Hansen
Temperature connector	YSI

Order information

Description	OxyPrime® DUO Membrane Oxygenator
Quantity	1 unit
Code	618949

Learn more in the

Manuals and Technical Guides

Oxigenador de Membrana
OxyPrime® DUO

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