

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.

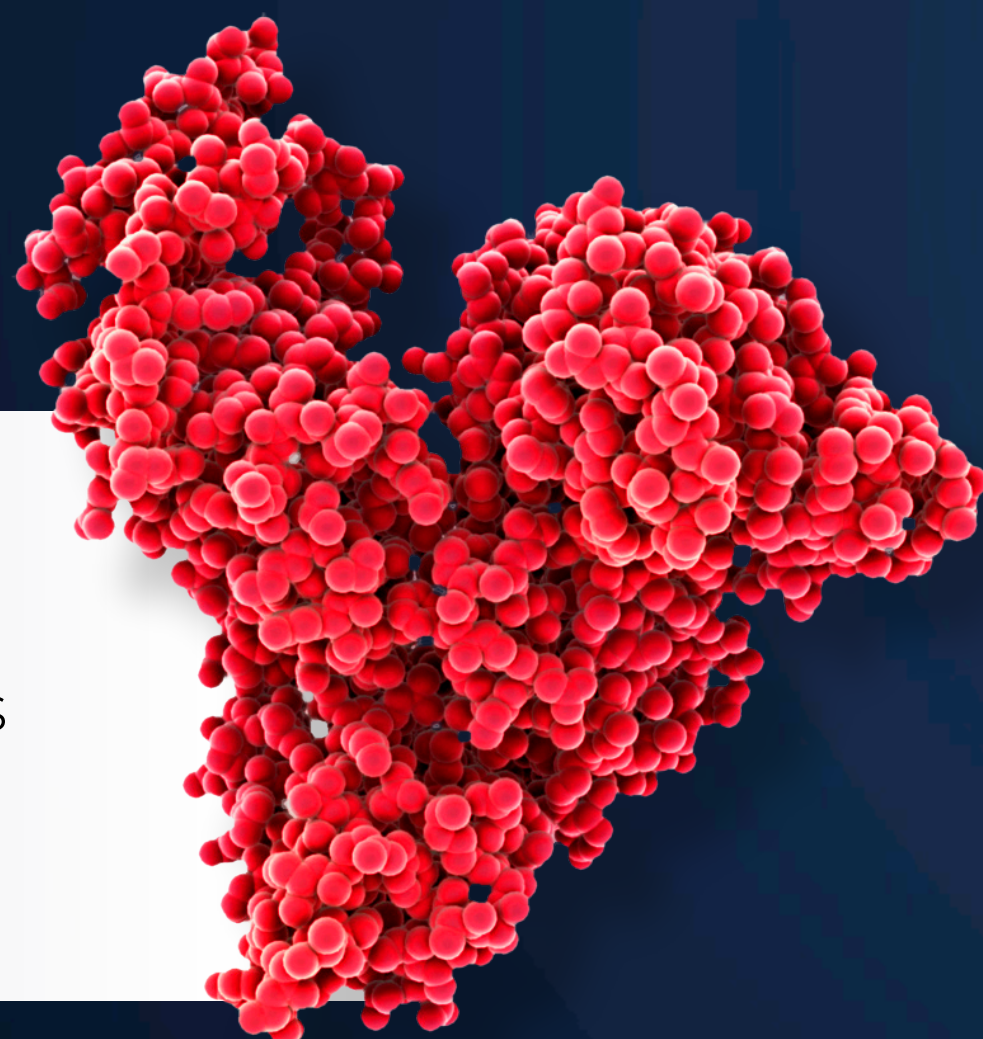


- OxyPrime DUO features a screen 41-micron thick, 500cm² polyester filter, preventing clots, particles and microbubbles from reaching the patient. The air removal structure, along with the filter screen, has 99% of bubble removal efficiency.
- The capillaries' high porosity, in combination with a homogeneous 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

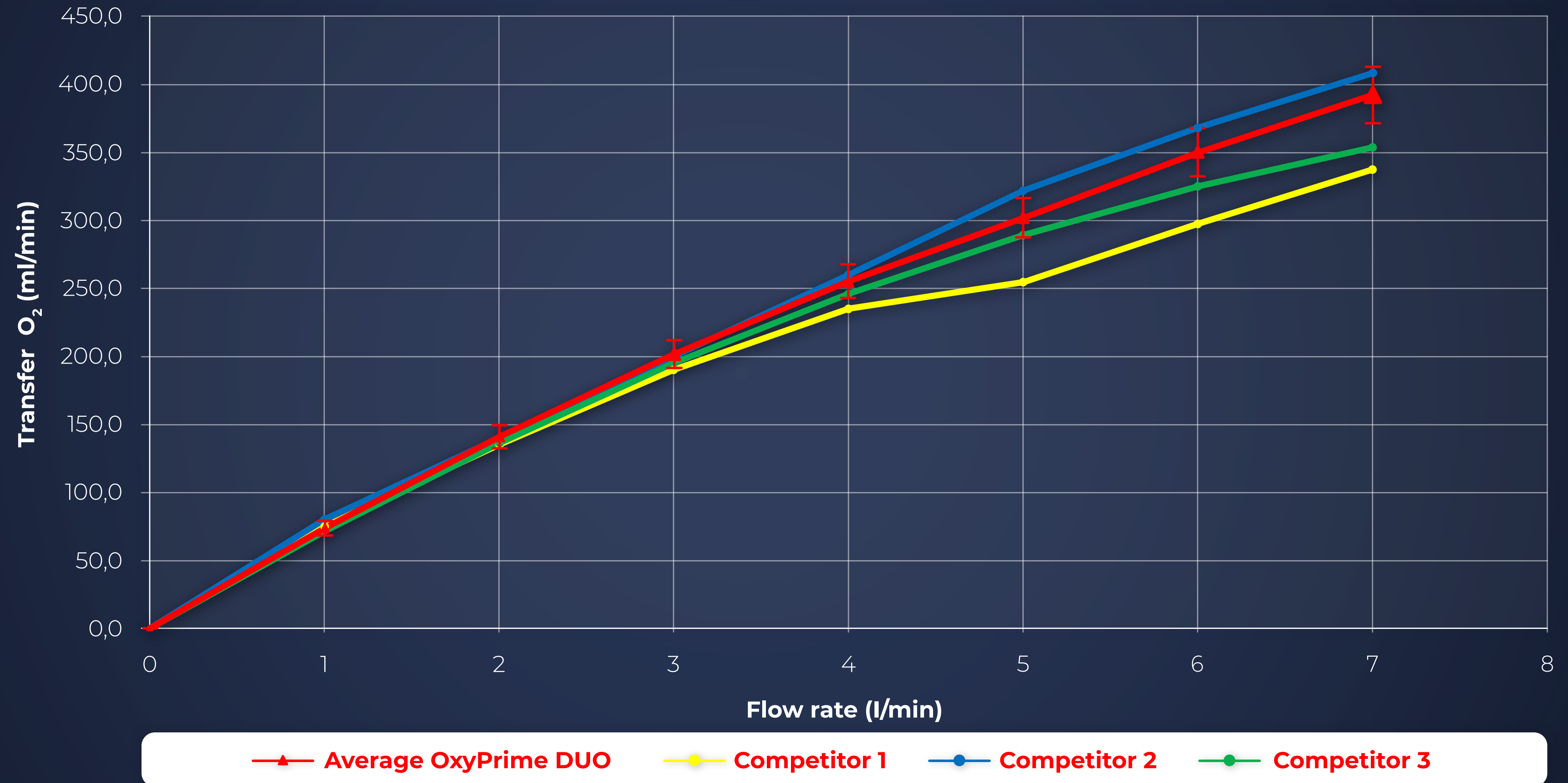
A solution made of recombinant albumin which covers the product's inner surface, reducing its interaction with blood.



Charts

● O₂ transfer rate

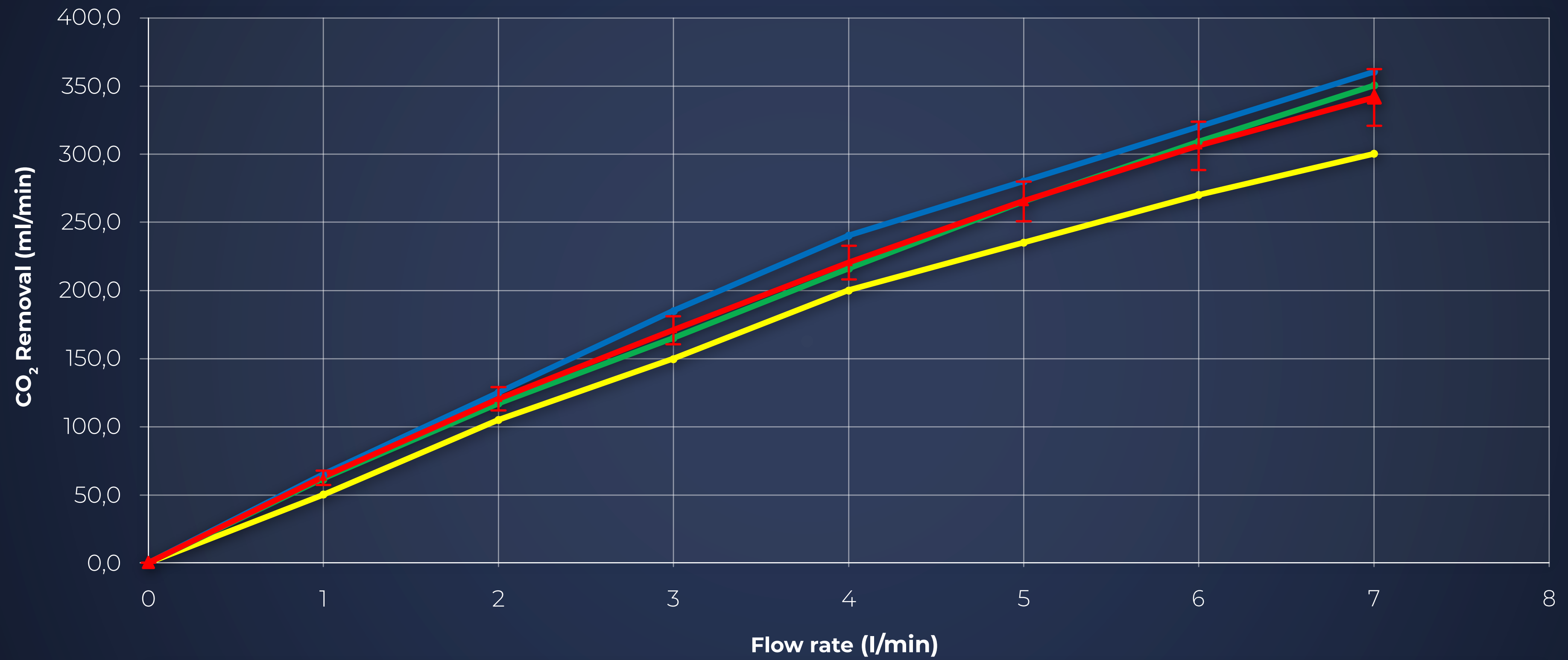
O₂ transfer



Charts

● CO₂ removal rate

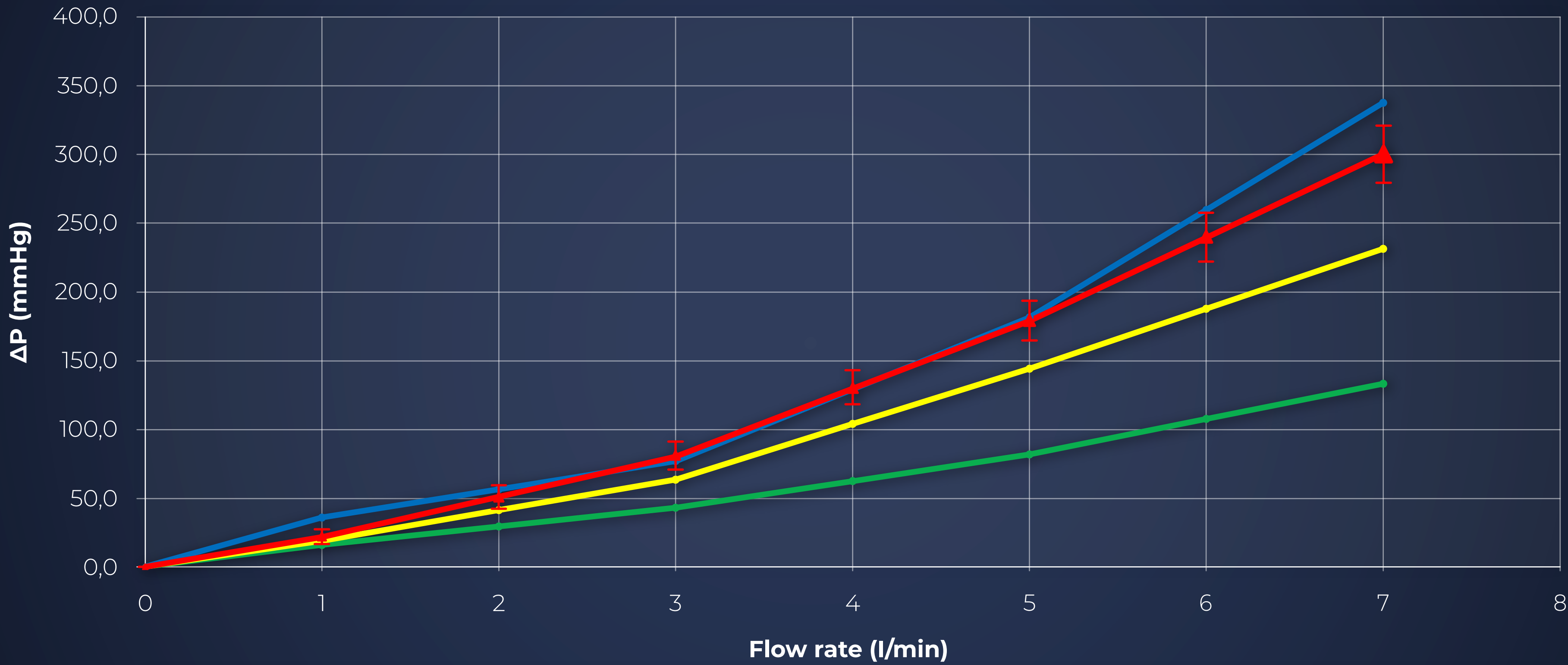
CO₂ Removal



Charts

● Pressure gradient

Pressure gradient



—▲— Average OxyPrime DUO —●— Competitor 1 —●— Competitor 2 —●— Competitor 3



OVERVIEW

BRCOATING

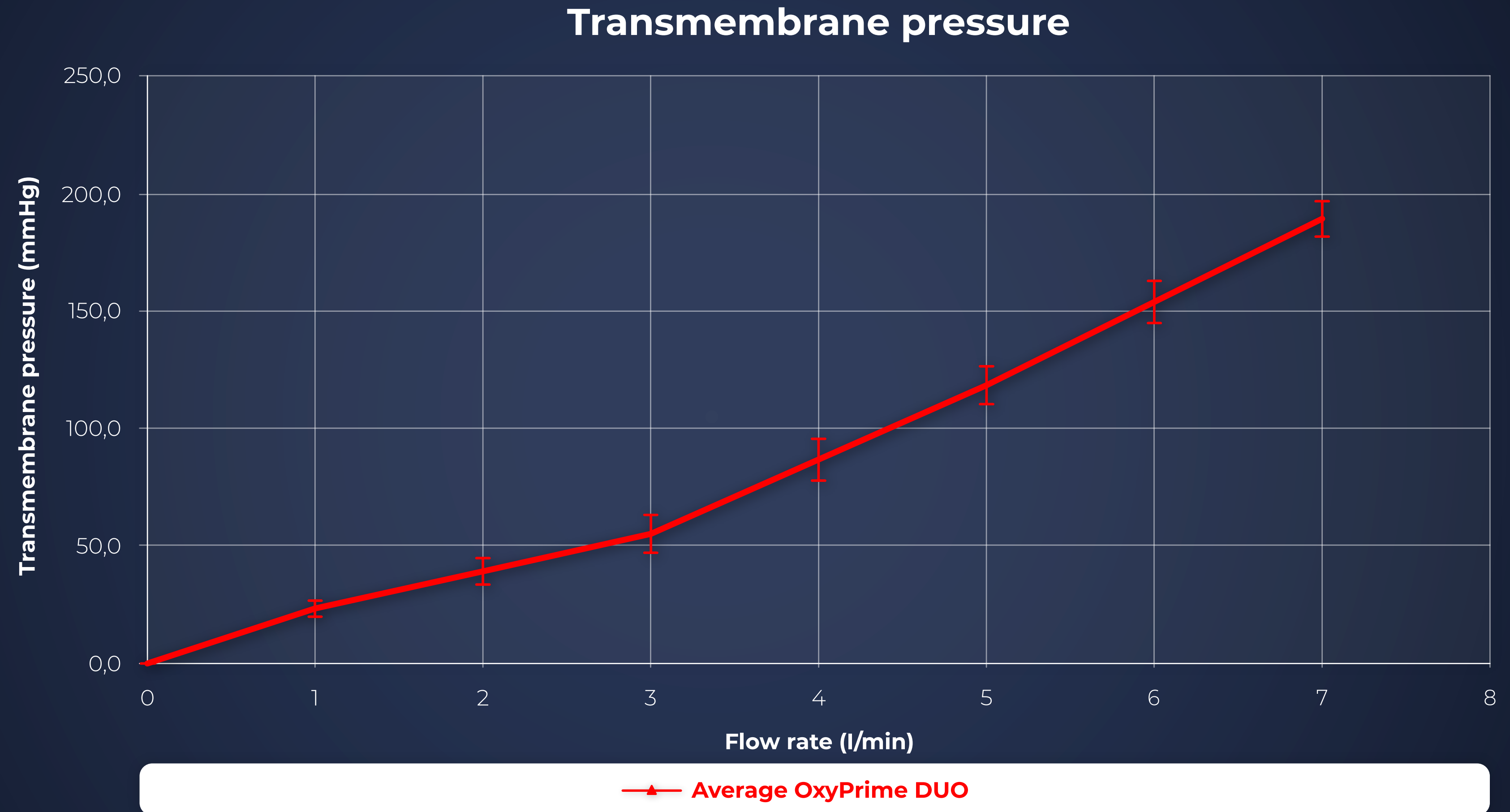
CHARTS

TECHNICAL SPECIFICATIONS



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

Membrane Oxygenator

OxyPrime DUO

Braile Biomédica Indústria, Comércio e Representações Ltda.
Av. Pres. Juscelino K. de Oliveira, 1505 · Jardim Tarraf I
CEP 15091-450 · São José do Rio Preto · SP · Brasil
CNPJ: 52.828.936-0001-09 · Reg. ANVISA T0159039004

www.braile.com.br

+55 (17) 2136 7000 · Fax +55 (17) 2136 7040

faleconosco@braile.com.br

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BRCOATING

CHARTS

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