



AMG PMP Newborn Oxygenator

PRODUCT HIGHLIGHTS

Hollow-fiber oxygenator with integrated heat exchanger able to oxygenate the blood, remove carbon dioxide from the blood and regulate blood temperature in infant patients. It is designed for hemocompatibility for use in extracorporeal circuits.

Key Features

- Wide blood flow range from 0.2–1.5 L/min
- Low priming volume for minimal hemodilution
- Polymethylpentene (PMP) fibers with phosphorylcholine (PC) coating
- Integrated arterial and venous luer ports
- Compatible with any circuit with 1/4" tubing
- Holder connects to the CentriMag™ System Cart or IV pole
- Oxygenator and tailored tubing set validated for 14-day use

PRODUCT SPECIFICATIONS

PART NUMBER	DESCRIPTION
EU5088	AMG PMP Newborn Oxygenator Box of 4
EU2257/AB	Oxygenator Holder Articulating arm and holder for AMG PMP Oxygenators. Clamps onto vertical posts such as IV poles
14AG70133	AMG PMP Newborn Set



AMG PMP
Newborn Oxygenator

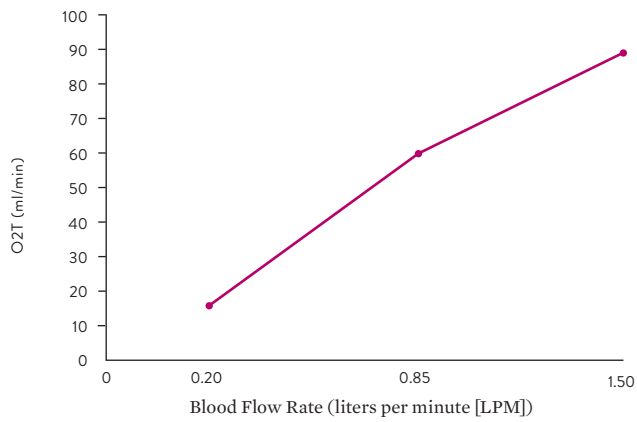
TECHNICAL SPECIFICATIONS

OXYGENATOR SPECIFICATIONS	
Membrane Material	Polymethylpentene (PMP) with phosphorylcholine (PC) coating
Blood Flow Rate	0.2 - 1.5 L/min
Priming Volume	90 mL
Residual Blood Volume	41 mL
Membrane Surface Area	0.69 m ²
Heat Exchanger Type	Stainless steel
Heat Exchanger Surface Area	0.04 m ²
Heat Exchanger Performance Factor	0.77 at 1.5 L/min
Max Water Pathway Pressure	29 PSI (1,500 mmHg)
Max Gas Pathway Pressure	0.07 PSI (3.5 mmHg)
Max Blood Pathway Pressure	14.5 PSI (750 mmHg)
Venous Inlet and Arterial Outlet	1/4" barbed connectors
Water Inlet and Outlet	1/2" Hansen ⁺ quick couplings
Gas Inlet	1/4"

PRESSURE, HEAT EXCHANGE AND GAS EXCHANGE CURVES*

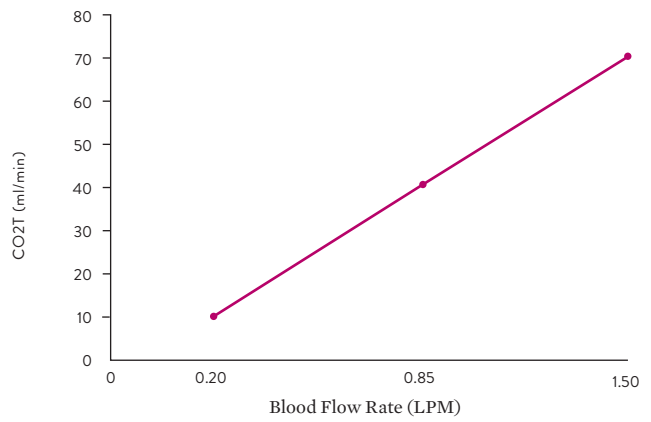
O₂ TRANSFER

Efficiency of blood oxygenation



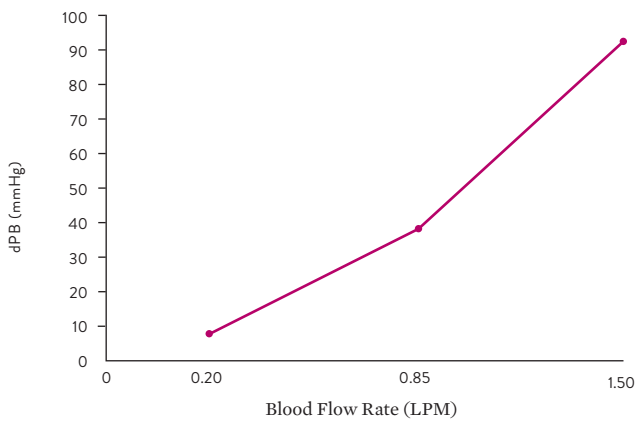
CO₂ TRANSFER

Efficiency of blood carbon dioxide removal



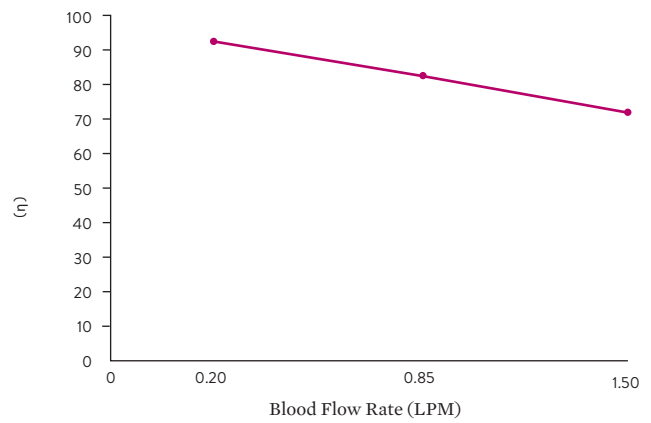
PRESSURE DROP

Difference in blood pressure before and after the oxygenator



HEAT EXCHANGE

Efficiency of heat exchange



*ISO 7199 Condition

AMG PMP Oxygenators and Oxygenator Holder are manufactured by Eurosets s.r.l. and distributed by Abbott.

Abbott

The Corporate Village, Da Vincilaan 11 Box F1, 1935 Zaventem, Belgium, +32 2 774 68 11
cardiovascular.abbott/CentriMag

Brief Summary: Prior to using these devices, please review the Instructions for Use for a complete listing of indications, contraindications, warnings, precautions, potential adverse events and directions for use.

™ Indicates a trademark of the Abbott group of companies.

© 2023 Abbott. All Rights Reserved.

MAT-2302356 v3.0 | Item approved for EMEA use only.

