



## AMG PMP Infant 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 the PediMag™ Blood Pump and any circuit with 1/4" tubing
- Holder connects to the CentriMag™ System Cart or IV pole

### PRODUCT SPECIFICATIONS

PART NUMBER	DESCRIPTION
US5088	<b>AMG PMP Infant Oxygenator</b> Box of 4
US2257	<b>Oxygenator Holder</b> Articulating arm and holder for AMG PMP Oxygenators. Clamps onto vertical posts such as IV poles
201-50141	<b>CentriMag™ System Transporter Oxygenator Bracket, Small</b> Fixes AMG PMP Infant Oxygenator to CentriMag™ System Transporter



**AMG PMP**  
Infant Oxygenator

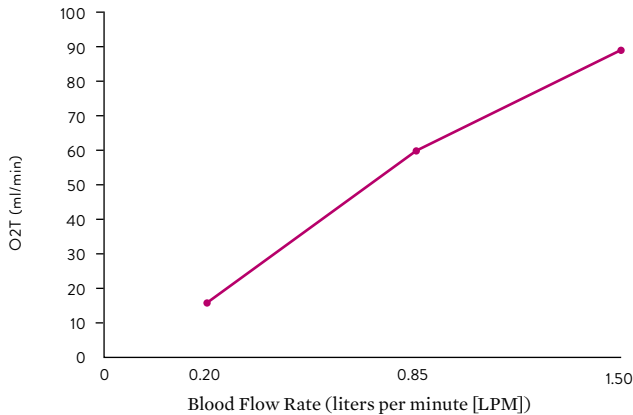
### TECHNICAL SPECIFICATIONS

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

# PRESSURE, HEAT EXCHANGE AND GAS EXCHANGE CURVES\*

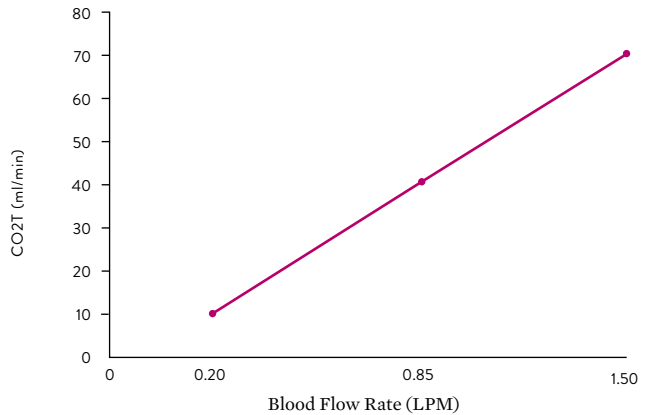
## O<sub>2</sub> TRANSFER

Efficiency of blood oxygenation



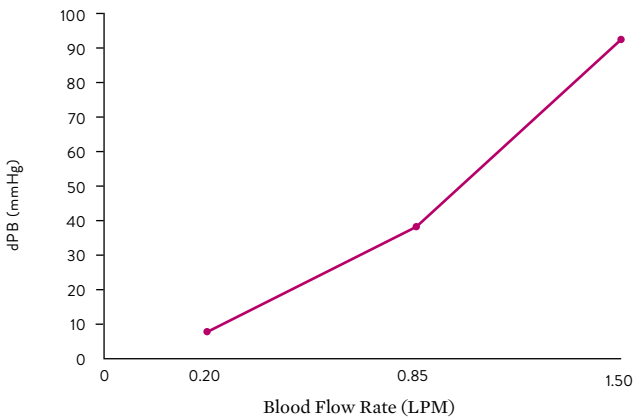
## CO<sub>2</sub> TRANSFER

Efficiency of blood carbon dioxide removal



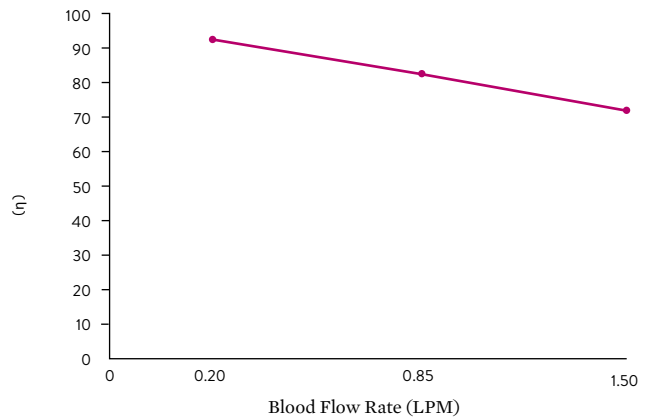
## PRESSURE DROP

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

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Cardiovascular.Abbott/CentriMag

### Rx Only

**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.

**AMG PMP Infant Oxygenator Indications [510(k) Clearance; 6-hour use]:** The device is indicated for patients who undergo cardiopulmonary bypass surgery requiring extracorporeal circulation for 6 hours or less with a maximum blood flow rate of 1.5 liters/minute.

**AMG PMP Infant Oxygenator Contraindications [510(k) Clearance; 6-hour use]:** No contraindications are known if the device is used for the purpose described and in accordance with the stated operating conditions. Do not use the device for any purpose other than indicated.

**PediMag™ Blood Pump Indications for Use [510(k) Clearance; 6-hour use]:** The PediMag™ Blood Pump is indicated for use with the CentriMag Circulatory Support System console and motor to pump blood through the extracorporeal bypass circuit for extracorporeal circulatory support for periods appropriate to cardiopulmonary bypass (up to six hours) for surgical procedures such as mitral valve reoperation. It is also indicated for use in extracorporeal support

systems (for periods up to six hours) not requiring complete cardiopulmonary bypass (e.g. valvuloplasty, circulatory support during mitral valve reoperation, surgery of the vena cava or aorta, liver transplants etc.).

**PediMag™ Blood Pump Contraindications [510(k) Clearance; 6-hour use]:** The PediMag Blood Pump is contraindicated for use as a cardiomy suction device. The CentriMag Circulatory Support System is contraindicated for use as a cardiomy suction device. The system is also contraindicated for patients who are unable or unwilling to be treated with an appropriate anticoagulant such as Heparin or a comparable alternative.

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‡ Indicates a third-party trademark, which is property of its respective owner.

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