

Lifemotion®



Redefining Life
Support with
Innovative ECMO
Solutions



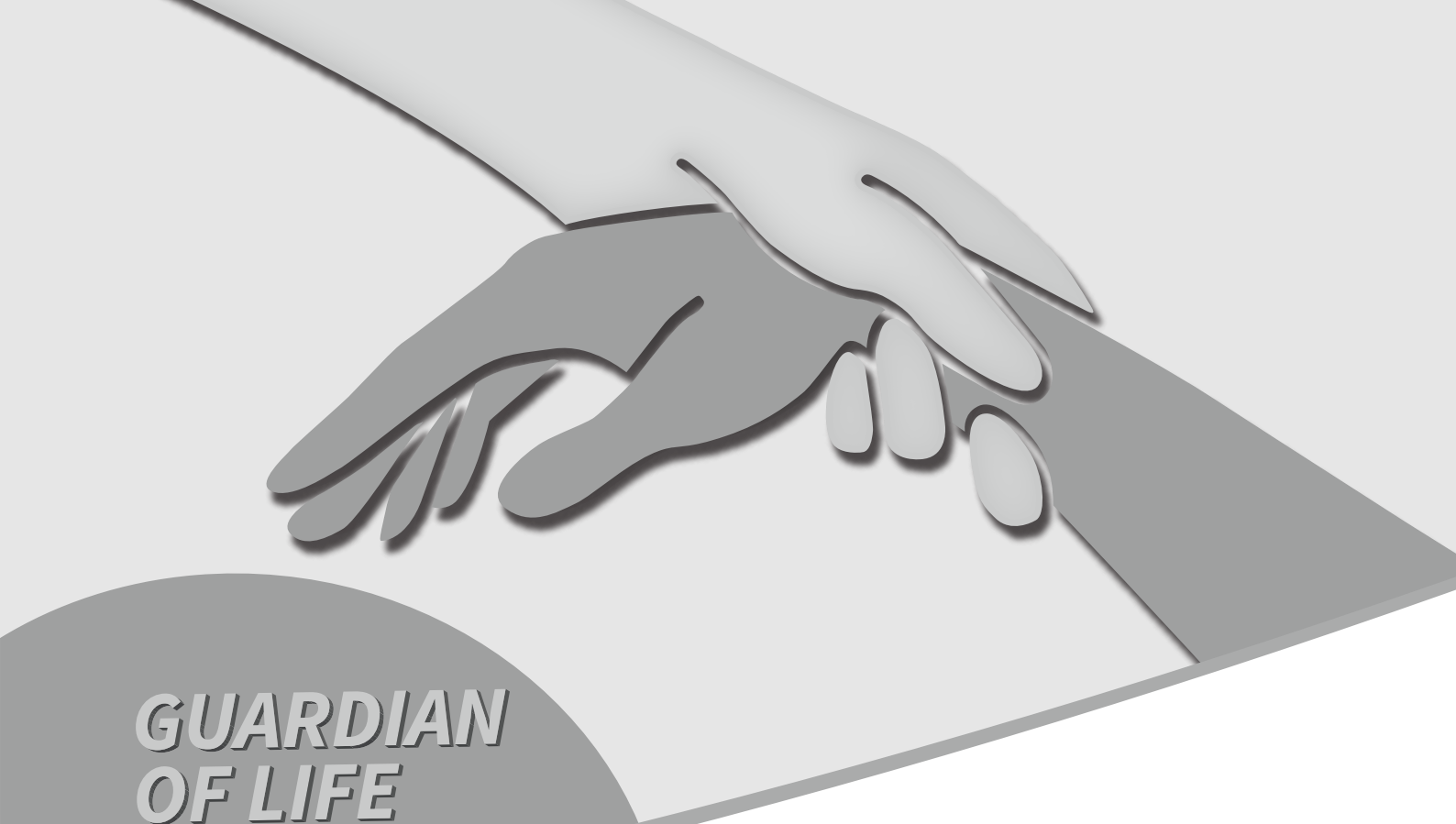
Advancing Patient Care and Health Systems

Lifemotion is transforming critical care with ECMO technology designed for speed, adaptability, and life-saving precision— where it matters most.

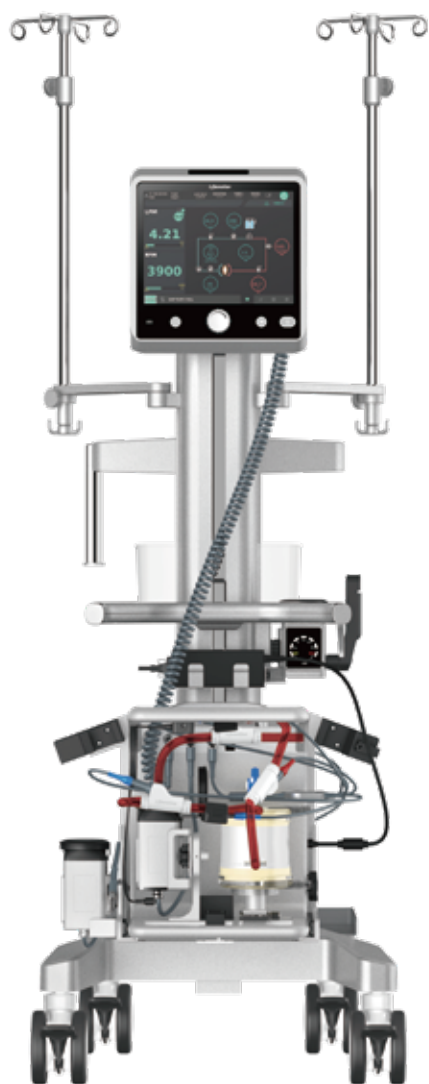
Designed to address the needs of healthcare providers globally, we are dedicated to making lifesaving innovations accessible to key markets and beyond.

Create Value For All





**GUARDIAN
OF LIFE**



Lifemotion[®] ECMO System

SAFE

Built with the highest safety standards for ECMO therapy:

Real-time monitoring, advanced alarms, and intuitive interfaces help clinicians focus on what matters most— saving lives.

PORTABLE

Compact, lightweight, and transport-ready: Whether in the ICU, emergency setting, or on the move, Lifemotion[®] enables uninterrupted support across care environments.

INTELLIGENT

Smart design meets clinical insight:

Integrated data, adaptive features, and user-centric engineering streamline workflows and elevate decision— making.

Console

Easy Handling and Compact Design



The 12.1" large touch-screen display provides clear, intuitive visibility of all critical parameters

Adjustable pump driver & pumphead orientation for additional convenience & versatility

The pump drive connects to two batteries simultaneously via a Y-cable, enabling seamless battery replacement without interrupting pump operation

2 independent battery packs support up to 240 mins



Battery Charger Bank

The charging bank enables rapid battery charging, allowing you to maintain a continuous supply of fully charged batteries



Parameter Monitoring

Intelligent and Portable in Every Clinical Scenario



Innovative Interface Design

Integrated multiparameter monitoring

- Real time flow and bubble
- Three pressure
- Two temperature
- SvO₂, T1, Hct, Hb

Intelligent graphical user interface (GUI) for ease of use

- Various parameters trending chart
- Alarm settings easy to access and intuitive to use



Independent flow and speed display

- The screen displays the current battery level
- Independent alarm indicator ^①
- Independent parameter settings ^①

* ^① When connect battery directly

For Diverse Clinical Applications

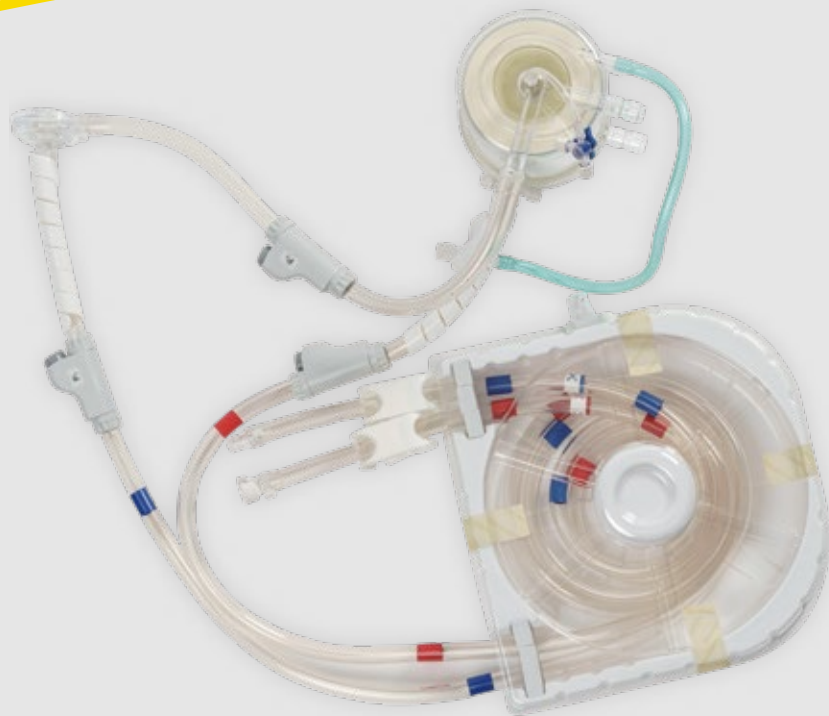


Versatility meets reliability. One device supports multiple modes, with effortless switching completed in under 30 seconds — keeping pace with your workflow. Two backup batteries provide up to **240 minutes** of continuous power, ensuring consistent performance even in demanding situations.



ECMO Set

Safe, Convenient and Easy to Use



3/8"
DEHP-Free
PVC Tubing
Suitable for long
term support

Pre-connected
for quick & easy
priming

Multiple accessories for fulfillment
of various clinical needs

- CRRT connection
- Rapid replacement of oxygenator or pump head
- Blood sampling line

Phosphorylcholine coating decreases
platelet activation / aggregation
and thrombosis



SvO₂ cuvette compatible
use with SvO₂ sensor to
realize integrated testing
parameter of T1, SvO₂, Hb,
Hct

Integrated Pressure Sensors



3x Integrated Pressure Sensor

- Pre-pump
- Pre-membrane
- Post-membrane

Enhanced safety

No need for conventional
pressure measurement lines

Colored connection ports

Consumable Features

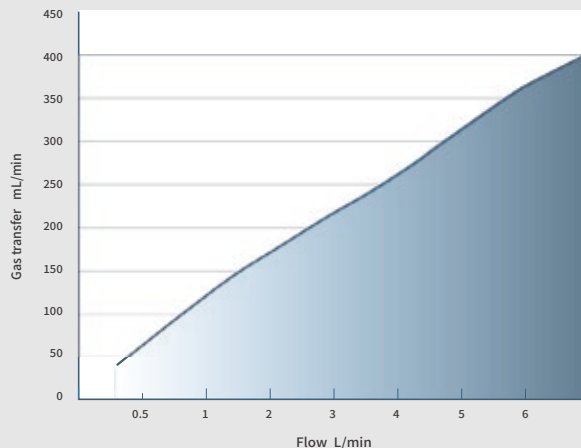
High Performance, High Efficiency



Membrane Oxygenator

Safe, Consistent Oxygenation Performance

Low pressure drop and resistance to flow



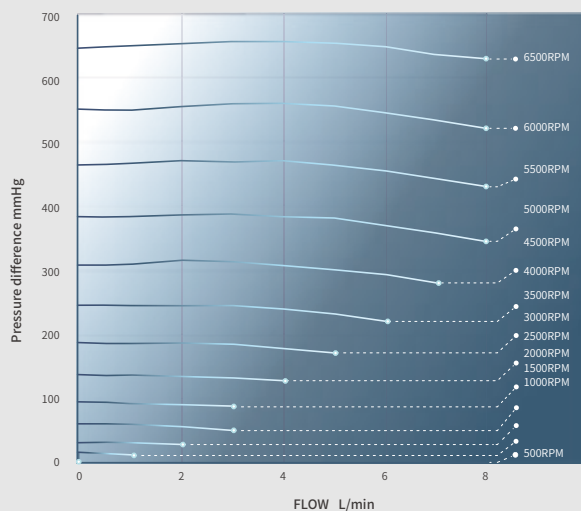
- **PMP Plasma Resistant Fiber**
Excellent performance / gas transfer
- **PC coating optimizes bundle**
bio-compatibility



Centrifugal Pump Head

Compact design with 17 mL of priming volume

Excellent Washout Characteristics



Transportable Convenient Solution

Lightweight、Rapid Deployment、Multiple Configurations



Emergency Backup



Backpack



Ordering Guide

Product codes (REF) for devices intended to be placed on EU and other international markets:
please check their actual availability in your Country
with the Manufacturer or its
local representatives

Lifemotion Console

LM-ECMO-1000



Disposable ECMO Set

LM-TPS-1500L^①
LM-TPS-1000L
LM-TPS-200L^②
LM-TPS-1000
LM-TPS-200^②



Disposable Membrane Oxygenator

LM-BGEA-1000



Disposable Centrifugal Pump Head

LM-PH-1000



Lifemotion Console

LM-ECMO-1000

Lifemotion Trolley

LMF-10-001

Disposable ECMO Set

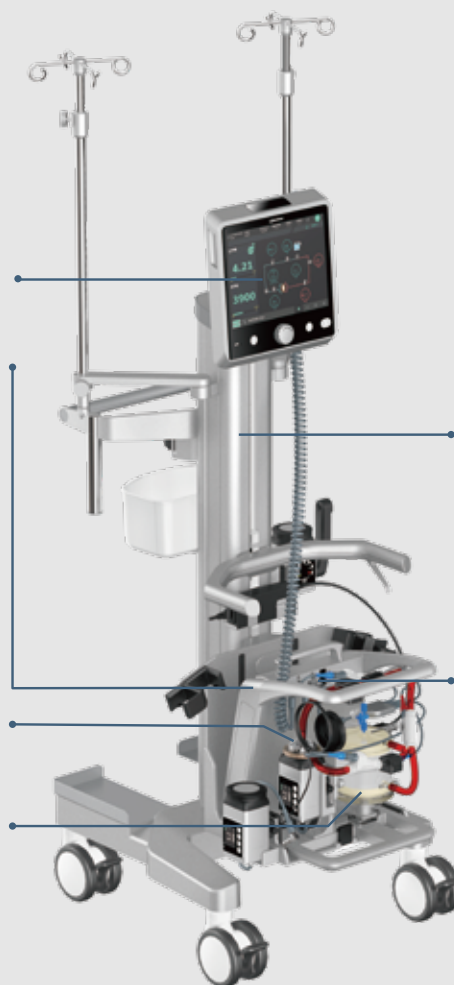
LM-TPS-1500L
LM-TPS-1000L
LM-TPS-200L
LM-TPS-1000
LM-TPS-200

Disposable Centrifugal Pump Head

LM-PH-1000

Disposable Membrane Oxygenator

LM-BGEA-1000



Note: ① with SvO₂ Cuvette
② without 3x Integrated Pressure Sensor



SvO₂ Sensor



Y-cable



Battery Charger Bank



Emergency Hand Crank

Caution: EU and local law restricts this device to sale by or on the order of a physician. For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use.

Warning: Only clinicians thoroughly trained in extracorporeal life support procedures should use this device.

This document is intended to provide information to an international audience outside of the US.

The Lifemotion System may be pending regulatory approvals to be marketed in your country. Contact your Lifemotion medical representative for more information.

Lifemotion is a registered trademarks or pending trademark of Lifemotion medical and its affiliates: Lifemotion.

All images used are for illustrative purposes only and may not accurately represent the product or its use. Copyright 2025, All rights not expressly granted are reserved.

Manufacturer: Lifemotion Medical Technology Co., Ltd. , Room 1801, Building 6, Baoxing Wisdom City, No. 650 Zhoushi Road, Bao'An District, 518126 Shenzhen, People's Republic of China.



www.lifemotionmedical.com

info@lifemotionmedical.com

LIFEMOTION MEDICAL LIMITED

Lifemotion Medical Technology Co., Ltd.

Lifemotion S.r.l.

Room15, Blk.B, 8/F, Wong King Ind.Bldg,192-198 Choi Hung Road, San Po Kong, Hong Kong

Bldg.6, Baoxing Wisdom City, No. 650 Zhoushi Road, Bao'An District, 518126 Shenzhen, P.R.China

Via di Mezzo 75/A 41037, Mirandola (Mo) Italy