

LifeSPARC™

Life Support Simplified.
For more patients, in more places.



THE NEXT GENERATION ADVANCED CIRCULATORY SUPPORT SYSTEM

The **Life**SPARC System

Built on more than 20 years of life support experience with TandemLife, the LifeSPARC system provides temporary support for emergent rescue patients in a variety of hospital settings.



The system leverages a common compact console and pump, with four ready-to-deploy kits. Designed for ease of use, LifeSPARC offers a versatile, simple, yet powerful

advanced circulatory support system to enable more patients to have access to this high-level of support.



LivaNova
Health innovation that matters

SIMPLE

A lightweight controller and docking station featuring four simple screens intended to help manage patients with confidence.

The streamlined user interface helps minimize the learning curve for both new and expert-level programs.



POWERFUL

A small but powerful pump, capable of 8 LPM of blood flow, with a magnetic pivot bearing, supports a variety of cardiac and respiratory rescue conditions.

The pump is designed for a rapid, repeatable deployment process, which is key in initiating advanced circulatory support in diverse clinical environments.

The integrated pump head and motor can be placed in the sterile field and on the patient, reducing the overall circuit surface area, simplifying patient management.



VERSATILE

The LifeSPARC system can be primed in minutes enabling temporary circulatory support in a variety of hospital settings.

With a two-hour battery backup, the LifeSPARC controller can be removed from the docking station and carried via strap to make in-hospital transport less cumbersome.

The four ready-to-deploy kits support diverse cannulation strategies for both Mechanical Circulatory Support (MCS) and Extracorporeal Life Support (ECLS)*.



*In the U.S., the LifeSPARC system is intended to pump blood through an extracorporeal circuit for periods lasting less than six hours for the purpose of providing either: (i) full or partial cardiopulmonary bypass (i.e., circuit includes an oxygenator) during open surgical procedures on the heart or great vessels; or (ii) temporary circulatory bypass for diversion of flow around a planned disruption of the circulatory pathway necessary for open surgical procedures on the aorta or vena cava.

Order Information

Contact your local sales representative or dial (800) 373-7421 (U.S) to speak to a customer service representative.

LifeSPARC

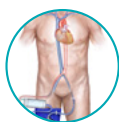
Catalog #	Product	Components
5900-0000	LifeSPARC System and Accessories	Includes: Controller, docking station, flow sensor, batteries, power cord, IFUs
5900-0001	LifeSPARC Controller	
5900-0002	LifeSPARC Docking Station	
5900-0003	LifeSPARC Flow Sensor	
5900-0004	LifeSPARC Battery	Li-Ion rechargeable battery 10.8V, 5.0A hr.
5900-0010	LifeSPARC Power Cord	
5900-0005	LifeSPARC Shoulder Strap	

LifeSPARC PROCEDURE KITS

The LifeSPARC system is complemented by four specialized kits that enable a variety of cannulation strategies.

TANDEMLIFE LS

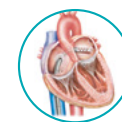
TandemLife LS Procedure kit with ProtekSolo Venous and ProtekSolo Arterial cannulae. Includes priming tray with preconnected pump & oxygenator and accessories.



Catalog #	Venous	Arterial
5840-0000	n/a	n/a
5840-2415	24 Fr x 60 cm	15 Fr x 17 cm
5840-2417	24 Fr x 60 cm	17 Fr x 17 cm

TANDEMHEART LS

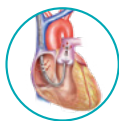
TandemHeart LS Procedure kit with ProtekSolo Transeptal and ProtekSolo Arterial cannulae, pump and accessories.



Catalog #	Venous	Arterial
5810-6215	21 Fr x 62 cm	15 Fr x 17 cm
5810-6217	21 Fr x 62 cm	17 Fr x 17 cm
5810-7215	21 Fr x 72 cm	15 Fr x 17 cm
5810-7217	21 Fr x 72 cm	17 Fr x 17 cm

PROTEKDUO LS

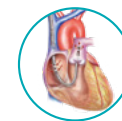
ProtekDuo LS Procedure kit with ProtekDuo cannula, pump and accessories.



Catalog #	Venous	Arterial
5820-2916	29 Fr x 28 cm	16 Fr x 46 cm
5820-3118	31 Fr x 28 cm	18 Fr x 51 cm

TANDEMLUNG LS

Tandem Lung LS Procedure kit with ProtekDuo cannula. Includes priming tray with preconnected pump & oxygenator and accessories.



Catalog #	Venous	Arterial
5830-2916	29 Fr x 28 cm	16 Fr x 46 cm
5830-3118	31 Fr x 28 cm	18 Fr x 51 cm

PROTEKDUO LS

RAPID DEPLOYMENT

ProtekDuo LS Rapid Deployment Procedure kit with ProtekDuo RD cannula, pump and accessories.

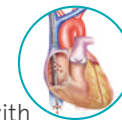


Catalog #	Venous	Arterial
5820-3631	31 Fr x 28 cm	18.5 Fr x 36 cm

TANDEMLUNG LS

RAPID DEPLOYMENT

TandemLung LS Rapid Deployment Procedure kit with ProtekDuo RD cannula. Includes priming tray with preconnected pump & oxygenator and accessories.



Catalog #	Venous	Arterial
5830-3631	31 Fr x 28 cm	18.5 Fr x 36 cm

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www.livanova.com



Manufactured by:

CardiacAssist, Inc
620 Alpha Drive - Pittsburgh
PA 15238, USA - Tel: 412-963-7770

24/7 Clinical Support:
800-373-1607 (US)
412-579-6182 (Int'l)

For professional use. Please contact us through our website to receive instructions for use containing full prescribing information, including indications, contraindications, warnings, precautions and adverse events. Not approved in all geographies. Consult your labeling.

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