Sepax™ Cell Separation System

Sepax 2 S-100

Product #14000

The Sepax 2 S-100 is a mobile, closed capability system that efficiently processes umbilical cord blood, bone marrow, peripheral blood or other blood derivatives, as permitted by applicable regulatory requirements. The fundamental scientific technology relies on a separation chamber that provides both separation through rotation of the syringe chamber (centrifugation) and component transfer through displacement of the syringe piston. An optical sensor measures the light absorbency of the separated components and manages the flow direction of each of them in the correct output container.

	Sepax 2 features
External design	Lightweight housing, one-handed separation chamber pit closure system
Dimensions	W: 27 cm, L: 40 cm, H: 46 cm (10.6” x 15.7”, 18.1”),17 kg (37.5 lbs)
User interface	Color touchscreen display, intuitive graphical user interface (GUI)
Electronics and communication	Windows XP embedded, GMAP, USB, and Ethernet
Data saving capacity	32 logfiles, 50 patfiles, and 50 report files (PDF)
Core technology	Electric centrifugation motor, pneumatic piston drive circuitry
Optical line sensor	Red/blue transmitted LEDs Red/blue scatters LEDs
Traceability function	Barcode reader with multiple code reading capabilities and desktop printer. Full procedural data management with PDF report and procedural graph.

Unique features

- The user interface combines touch-screen technology and active procedural guidance to easily monitor procedural steps. An integrated help guide provides live assistance in case of problems.
- Track procedural data with automatic printouts of procedure reports with all traceability IDs integrated, reflecting the importance of efficient and secured traceability of each processed unit.
- Connect to local networks through an ethernet connection port in order to receive online support through secured remote access.
- Several USB ports allowing communication with peripherals such as a barcode reader, a printer and a USB key used to store and transfer procedural files to a computer.

Regulatory statement

The Sepax 2 S-100 is CE marked and complies with the directive 93/42/CEE for medical devices, including the electrical safety standard IEC 60601-1. Design control activities have been performed to ensure its safety and performance. Confirm with your local regulatory authority for compliance with other regulations.

Environmental conditions

Only operate on a flat, stable, horizontal, and clean surface. Use it in an open environment to allow sufficient ventilation. Operate and store it within the following conditions:

	Operation	Storage and transport
Temperature	+7 to +27°C	0 to +50°C
Relative humidity	30 to 75 %, non-condensing	20 to 75 %, non-condensing

Ordering information

Sepax 2 S-100: Product #14000

Advanced traceability kit: Product #14051

Manufacturer information

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