

Product Catalogue



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Sepax 2

Sepax S-100

The Sepax 2 cell separation system is a fully-automated, turn-key device for the efficient and reproducible processing of blood and cellular products. The system can be equipped with application specific Sepax 2 software protocols and Sepax single-use kits.



Product # 14000

Specifications

Dimensions (approx.):

W: 27 cm, L: 40 cm, H: 46 cm

W: 10.6", L: 15.7", H: 18.1"

Weight: 16.3 kg (35.9 lbs)

Power:

Input range: 100-240 Volt

Input frequency: 50-60 Hz

Power: 200 VA

Sepax 2 accessories

Standard Traceability kit

Traceability kit including a desktop printer and a barcode reader.

Printer: HP OfficeJet H470

Dimensions: 34 x16 x 8 cm

Barcode Reader: Gryphon GD4130

Reader method: Distance

Barcodes: ISBT 128 and Monarch compatibility



Product # 14050

Advanced Traceability kit

Traceability kit including a network laser printer and a barcode reader.

Printer: HP LaserJet CP1515N

Dimensions: 40 x 45 x 25 cm

Barcode Reader: Gryphon GD4130

Reader method: Distance

Barcodes: ISBT 128 and Monarch compatibility



Product # 14051

Sepax system protocol software

Stem cell banking protocols

UCB-HES

Processing of umbilical cord blood based on the sedimentation agent HES (hydroxyethyl starch). The final volume can be chosen ranging from 20 to 50 ml. The input volume range is 35 to 320 ml.

Product # 14200

UCB

Processing of umbilical cord blood in order to isolate the buffy-coat enriched with hematopoietic stem cells. The final volume can be chosen ranging from 10 to 50 ml. The input volume range is 35 to 290 ml.

Product # 14201

PBSC

Volume reduction of peripheral blood stem cell preparation post-leukapheresis. The final volume can be chosen ranging from 30 to 600 ml.

Product # 14203

SCB package

A comprising range of Biosafe's Sepax protocol software dedicated for stem cell banking applications: UCB, UCB-HES, PBSC, UCB-W and SmartWash

Product # 14250

Regenerative medicine protocols

DGBS

Processing of bone marrow, umbilical cord blood or peripheral blood stem cells in order to obtain a purified product with optimal granulocyte and RBC depletion (washing step included).

Product # 14300

GVR

Processing of generic blood products, mainly conceived for bone marrow volume reduction in transplantations and regenerative medicine. The protocol allows input product volumes up to 880 ml.

Product # 14301

ReadyCell

Stem cell concentration protocol mainly conceived for bone marrow. Processing of input volume between 30-220 ml in < 20 minutes. Final selectable volume range is 7-20 ml.

Product # 14302

UCB-W

Protocol to wash UCB product post thawing. Remove the DMSO and cell debris and replace hemolysed plasma by fresh supernatant.

Product # 14304

SmartWash

Protocol to wash PBSC product post thawing. Remove the DMSO and cell debris and replace hemolysed plasma by fresh supernatant.

Product # 14305

RegMed packages

A comprising range of Biosafe's Sepax protocol software dedicated for translational medicine applications.

Package 1 includes DGBS, GVR, PBSC, UCB-W and SmartWash.

Product # 14350

Package 2 includes DGBS, ReadyCell, PBSC, UCB-W and SmartWash.

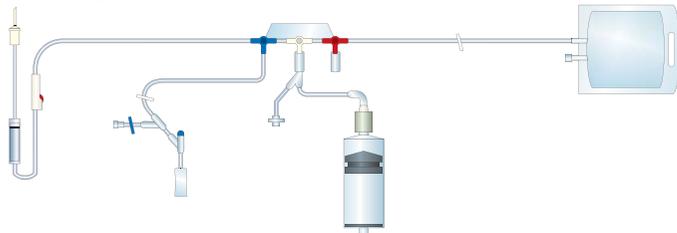
Product # 14351

Stem cell banking - Single-use kits

CS-430.1

A sterile, single-use kit composed of:

- 1 x 500 ml PVC bag for by-product
- 1 connection port for the spike of the output bag



Recommended for UCB and UCB-HES

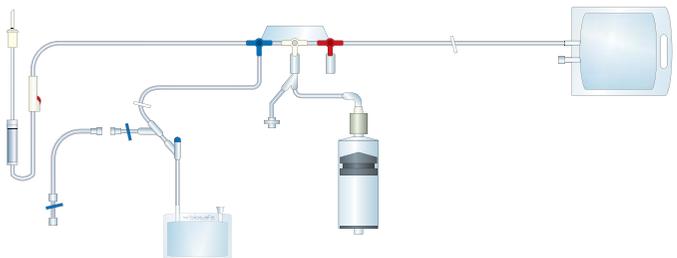
Product # 10017

CS-530.1

A sterile, single-use kit composed of:

- 1 x 500 ml PVC bag for by-product
- Biosafe CryoSC-S cryobag with 10 - 30 ml capacity.

Compatible with standard cryotanks and BioArchive® System (only 25 ml).



Recommended for UCB and UCB-HES

Product # 10015

Ordering information:

Unless specified all separation kits have a separation chamber A200 and 3-stopcock manifold.

Kits are packed in individual sterile blisters sealed with a Tyvek® cover. Minimum order quantity is box of 6 kits (box dimension: 33x35x26 cm).

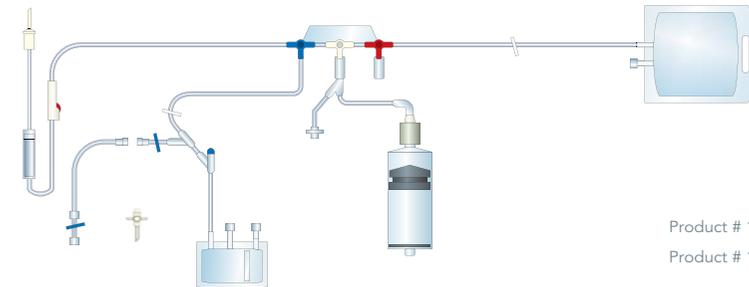
Stem cell banking - Single-use kits

CS-530.2 (US market only), CS-530.3

A sterile, single-use kit composed of:

- 1 x 500 ml PVC bag for by-product
- Pall freezing bag (25 ml).

Compatible with standard cryotanks and BioArchive® System.



Recommended for UCB and UCB-HES

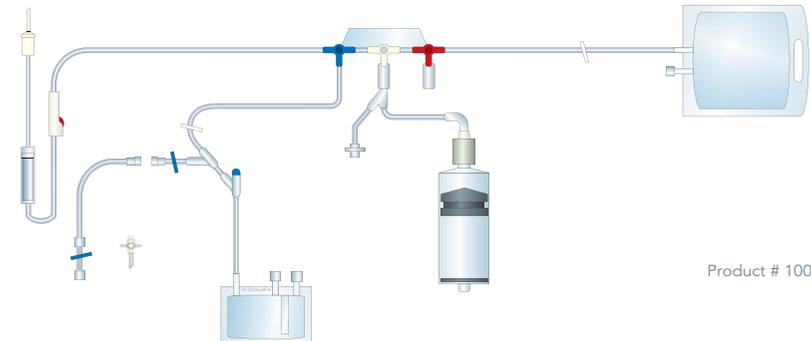
Product # 10018 (US)
Product # 10019

CS-530.4

A sterile, single-use kit composed of:

- 1 x 500 ml PVC bag for by-product
- Biosafe CryoSC-D cryobag with 25 ml capacity.

Compatible with standard cryotanks and BioArchive® System (only 25 ml).



Recommended for UCB and UCB-HES

Product # 10024

Ordering information:

Unless specified all separation kits have a separation chamber A200 and 3-stopcock manifold.

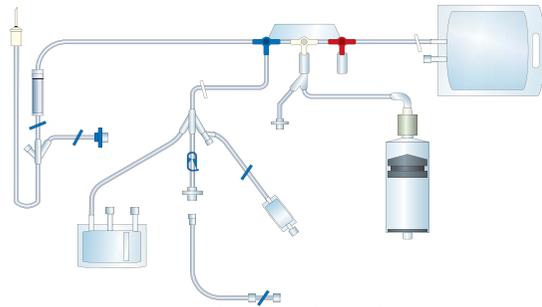
Kits are packed in individual sterile blisters sealed with a Tyvek® cover. Minimum order quantity is box of 6 kits (box dimension: 33x35x26 cm).

Stem cell banking - Single-use kits

CS-540.2 (US market only), CS-540.3

A sterile, single-use kit composed of:

- needleless luer ports
- 0.2 µm microbial filters
- sampling chamber
- 1 x 500 ml PVC bag for by-product
- Pall freezing bag (25 ml) compatible with the BioArchive® System.



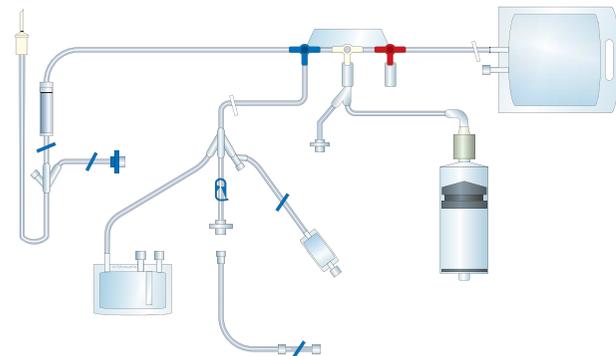
Product # 10020 (US)
Product # 10021

Recommended for UCB and UCB-HES

CS-540.4

A sterile, single-use kit composed of:

- needleless luer ports
 - 0.2 µm microbial filters
 - sampling chamber
 - 1 x 500 ml PVC bag for by-product
 - Biosafe CryoSC-D cryobag with 25 ml capacity
- Compatible with standard cryotanks and BioArchive® System (only 25 ml).



Product # 10025

Recommended for UCB and UCB-HES

Ordering information:

Unless specified all separation kits have a separation chamber A200 and 3-stopcock manifold.

Kits are packed in individual sterile blisters sealed with a Tyvek® cover. Minimum order quantity is box of 6 kits (box dimension: 33x35x26 cm).

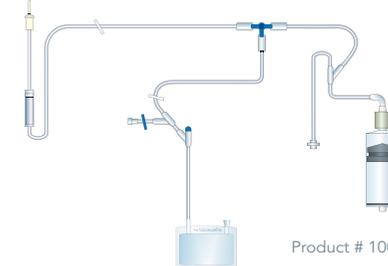
Stem cell banking - Single-use kits

CS-570.1

A sterile, single-use kit composed of:

- 1 stopcock
- Biosafe CryoSC-S cryobag with 10 - 30 ml capacity

Compatible with standard cryotanks and BioArchive® System (only 25 ml).



Product # 10029

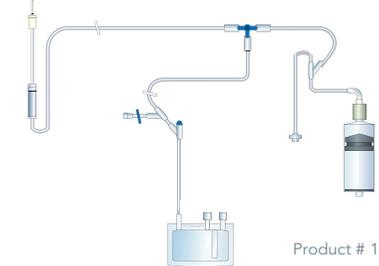
Recommended for UCB and UCB-HES

CS-570.4

A sterile, single-use kit composed of:

- 1 stopcock
- Biosafe CryoSC-D cryobag with 25 ml capacity

Compatible with standard cryotanks and BioArchive® System (only 25 ml).



Product # 10030

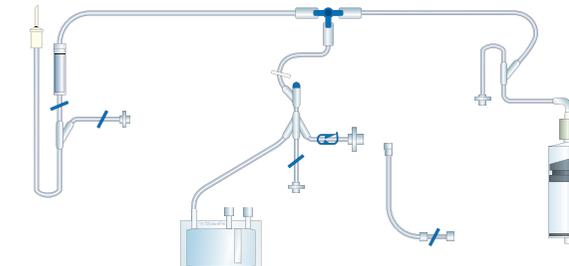
Recommended for UCB and UCB-HES

CS-570.5

A sterile, single-use kit composed of:

- 1 stopcock
- 0.2 µm microbial filters
- Biosafe CryoSC-D cryobag with 25 ml capacity

Compatible with standard cryotanks and BioArchive® System (only 25 ml).



Product # 10033

Recommended for UCB

Ordering information:

Unless specified all separation kits have a separation chamber A200 and 3-stopcock manifold.

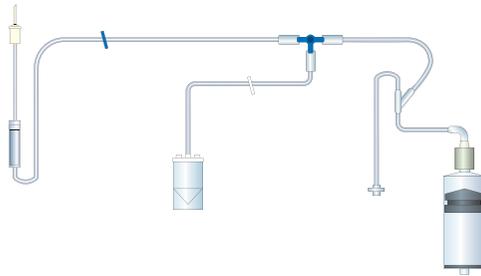
Kits are packed in individual sterile blisters sealed with a Tyvek® cover. Minimum order quantity is box of 12 kits (box dimension: 57x37x25 cm).

Regenerative medicine - Single-use kits

CS-470.1

A sterile, single-use kit composed of:

- 1 stopcock
- 1 vial for the final product



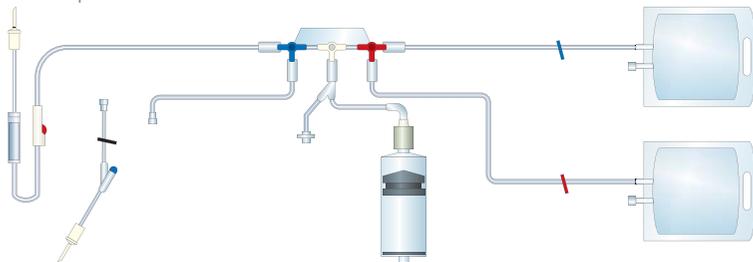
Product # 10005

Recommended for ReadyCell

CS-490.1

A sterile, single-use kit composed of:

- 2 x 500 ml PVC bags for by-product
- 1 free port, allowing the connection of any collection/freezing bag through the additional module with the spike.



Product # 10001

Recommended for PBSC and GVR

Ordering information:

Unless specified all separation kits have a separation chamber A200 and 3-stopcock manifold.

Kits are packed in individual sterile blisters sealed with a Tyvek® cover.

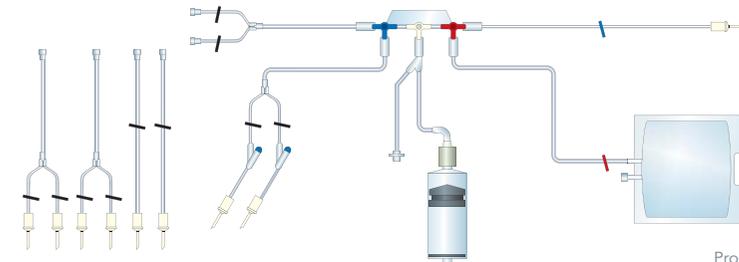
Minimum order quantity is box of 6 kits (box dimension: 33x35x26 cm), box of 12 kits for CS-470.1 (box dimension: 57x37x25 cm).

Regenerative medicine - Single-use kits

CS-600.1

A sterile, single-use kit composed of:

- 1 x 1000 ml PVC bag for by-product
- spike for washing solution
- 2 spikes for collection bags
- 2 female luer locks for input bags
- choice of connection lines with different types of spikes



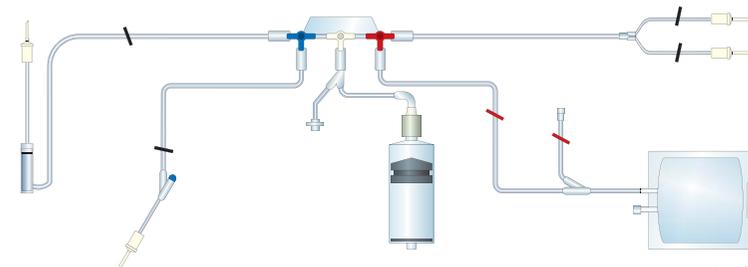
Product # 10006

Recommended for SmartWash and UCB-Washing

CS-900.1

A sterile, single-use kit composed of:

- separation chamber A-200/F
- 1 x 1000ml PVC Density Gradient Medium/by-product bag with luer lock injection site
- 1 spike for washing solution
- 1 spike for re-suspension media
- 1 port for output product with needle injection site



Product # 10007

Recommended for DGBS

A unique bar code placed on the A-200/F separation chamber identifies this special kit ensuring its traceability.



Ordering information:

Unless specified all separation kits have a separation chamber A200 and 3-stopcock manifold.

Kits are packed in individual sterile blisters sealed with a Tyvek® cover.

Minimum order quantity is box of 6 kits (box dimension: 33x35x26 cm).

Kit accessories

AK-100 Sterile Sampling Line

Sampling line for input product pre-count. AK-100 is connected to the input product bag using a sterile connection device. For samples up to 3 ml.



Product # 10010

AK-101 Sterile Sampling Line

Sampling line for input product pre-count. AK-101 is connected to the input product bag using a sterile connection device. For samples up to 8 ml.



Product # 10028

Sample Calibrators for CS-540.X kits

The Sample Calibrator is used to obtain precise and repeatable samples from the sampling chambers.

There are 2 Sample Calibrators, one for the sampling of the initial product using AK-100 Sample Line accessory (blue) and the other for sampling of the final buffy-coat product (red).

The Sample Calibrators have been designed to extract samples of 0.3 ml (red) and 0.8 ml (blue) into the sampling chambers pre-installed on the CS-540.X kit.



Product # 6074



Product # 6075

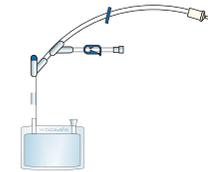
Ordering information:

The AK-100 and AK-101 are supplied sterile and individually packed. AK-100 and AK-101 minimum order quantity is box of 60 units (box dimension: 33x35x13 cm).

Kit accessories

FB-100.1

Biosafe CryoSC-S cryobag, 10 to 30 ml volume capacity, connection by spike or by SCD, and port for DMSO injection.



Product # 10023

FB-100.2

Biosafe CryoSC-D cryobag, 25 ml volume capacity, connection by spike or by SCD, and port for DMSO injection.



Product # 10032

FA-100.1

DMSO extension line for FB-100.X, CS-430.1, CS-570.1 or CS-570.4 during DMSO addition.



Product # 10022

Ordering information:

The FB-100.X and FA-100.1 accessories are supplied sterile and individually packed. Minimum order quantity is box of 24 units (box dimension: 33x35x13 cm).

Cryopreparation

Coolmix AS-210

The Coolmix is an automated mixing and cooling device that allows the controlled and reproducible preparation of hematopoietic stem cells for cryopreservation in a closed and sterile environment.

Specifications

Input range: 100-240 Volt
 Input frequency: 50-60 Hz
 Power: 190 VA
 Dimensions: 22 x 23 x 27 cm
 8.7" x 9.1" x 10.6"
 Weight: 5 kg (11 lbs)



Product # 3100

Coolmix accessories

DMSO Vial Adapter for 7ml vial - Green Spot

The DMSO Vial Adaptor accessory is used with the CS-530.3, CS-530.4 and CS-570.4 kits when used in combination with the AS-210 Coolmix mixing/cooling device.



Product # 6076

DMSO Vial Adapter for 8ml vial - Red Spot

The DMSO Vial Adaptor accessory is used with the CS-530.3, CS-530.4 and CS-570.4 kits when used in combination with the AS-210 Coolmix mixing/cooling device.



Product # 6089

Cryopreparation accessories

Traceability Label Printer

Prints ISBT 128 compliant labels suitable for cryopreservation. Able to read ISBT 128 code and Monarch code formats. Loaded with software. Equipped with barcode reader.



Product # 7010

Traceability Labels for Cryopreservation

4 label set comprising of:

- label(s) for the cryobag (single or double compartment)
- label for the canister
- closing seal (safety closure)

Minimum order quantity is 1 roll of 1000 sets of labels.



Product # 7011

Syringe Pump Device

Controls injection of DMSO solution in the cryobag.

Can hold one or two syringes

Selectable parameters:

- syringe size
- injected volume
- injection flow rate

Supplied with security system.



Product # 7014

Cryopreparation accessories

Seal positioner

Ensures a correct distribution of the buffy-coat between the two compartments of Biosafe CryoSC-D cryobag and guides the user during sealing.



Product # 7026

Overwrap Bag

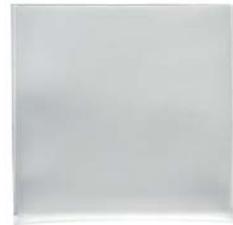
EVA material remains flexible in liquid nitrogen (-196°C).

Easy insertion and inspection of the contents.

Recommended for use with Biosafe overwrap sealing device.

Dimensions: 95 x 92 mm

Minimum order quantity is box of 100 overwrap bags.



Product # 4085

Overwrap Bag Sealer

+ Air-Purger

Sealer for Biosafe overwrap bag

Selectable parameters:

- sealing temperature
- sealing time
- cooling time
- equipped with air purger



Product # 7015

Cryopreparation accessories

Metal Storage Canister

Aluminium alloy canister.

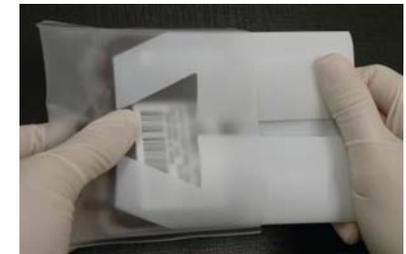
Enhanced thermal conductivity material for homogeneous product freezing.



Product # 7012

Insertion Tool

Used to facilitate the insertion of Biosafe cryobag into the overwrap bag. Minimum order quantity is a package of 2 units.



Product # 7030

Traceability system

SepaxNet SN-100

SepaxNet is a powerful traceability system that transfers procedure data presently stored in the Sepax 2 and Coolmix devices to a centralised standard SQL database.

Specifications

Computer: HP compact PC
 Monitor: HP 19" TFT
 SepaxNet: Software included

Barcodes: ISBT 128 and Monarch compliance
 Database: Standard SQL

Printer: Not included



Product # 12300

SepaxNet Export Tool

The SepaxNet Export Tool is an accessory managing custom data transfer for analysis with spreadsheet applications

Product # 7028

Traceability system

AS-660-E

Ethernet Connection Box. Provides Ethernet data transfer from Coolmix device to the SepaxNet PC database.



Product # 12310

AS-665

Barcode Reader. Enters barcode traceability data directly into the procedure data file.

Barcode Reader: Gryphon GD4130
 Reader method: Distance
 Barcodes: ISBT 128 and Monarch compatibility



Product # 6057

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