

# *Sero'Box*

*Medical Systems*



Serum Bank Solutions – Biobanking  
Connected Smart Freezers and  
Accessories

# Freezer SB-ULUF P510

## Descriptif



**The ULUF P510 MV** is a high-performance ultra-low temperature freezer designed to provide reliable and efficient sample storage. Equipped with **TRUE DUAL™** cooling technology, this freezer guarantees continuous operation and maintains temperatures as low as  $-86^{\circ}\text{C}$ , protecting valuable samples even in the event of compressor failure.

**Superior** : thermal stability: fast cooling time, reaching  $-80^{\circ}\text{C}$  in less than 4 hours, with rapid recovery after opening the doors.

**TRUE DUAL™ Technology** : the dual compressor system provides backup cooling, maintaining samples at a safe temperature of  $-70^{\circ}\text{C}$  in the event of a failure.

**Environmentally friendly and energy efficient** : uses natural refrigerants with low global warming potential ( $\text{GWP} < 4$ ) to reduce energy consumption.

**Security and advanced control** : V700 controller with 7-inch touchscreen with multiple alarm functions, RFID smart lock, and password protection for enhanced security.

### Options

- Imprimantes étiquettes
- Étiquettes
- Verrou automatique

SB ULUF P510			
Référence	Hauteur	Nombre Portoir	Diamètre
Tube 2ml	40 mm	18 Trays	Ø13
Tube 5ml	75 mm	12 Trays	Ø13

# 2 storage solutions

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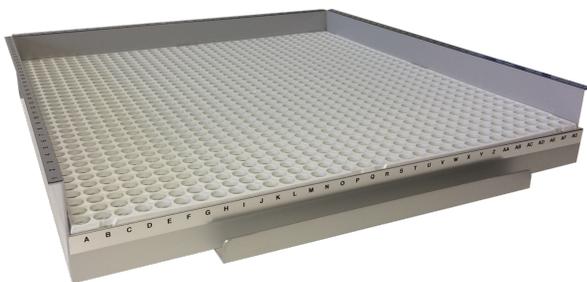
## Connected Freezer

### Tube Storage Model SB-ULUFP510

The freezer comes with the extremely powerful independent TRUE DUAL™ technology that keeps the samples protected at  $-70^{\circ}\text{C}$  if an unexpected failure occurred keeping you worry-free and the samples secured and safely guarded.



## 2 storage solutions



### **Solution on tray/rack**

This solution allows you to store your primary tubes. Each tube is geolocated in the Sero'Box® software. You have 1,122 positions on each tray.

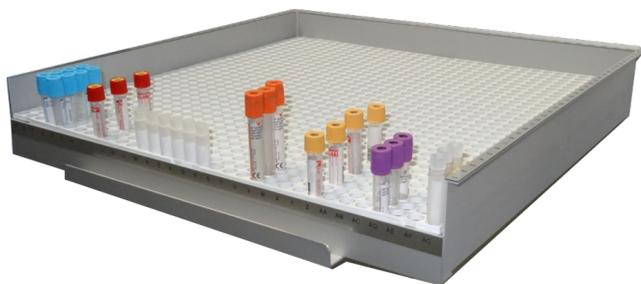


### **Solution in cryoboxes containing 100 tubes**

This solution allows you to store 100 tubes. Each tube is geolocated in the box, each box is geolocated in the rack, and each rack is identified in the freezer.

# Solution 1 = Trays

## Descriptif



### Rack Trays

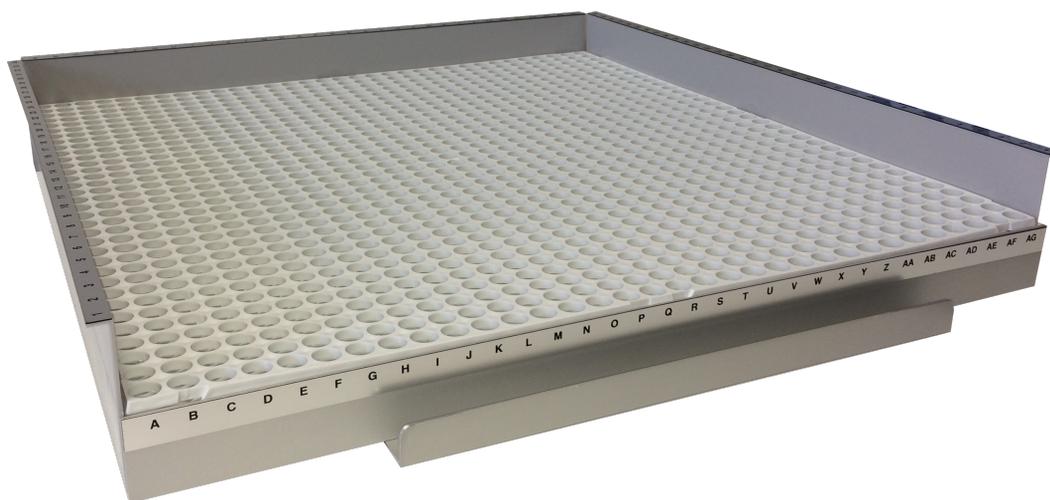
Standard white plastic for Ø13 tubes

1122 positions

Made of Polypropylene

With Identification

And Handle



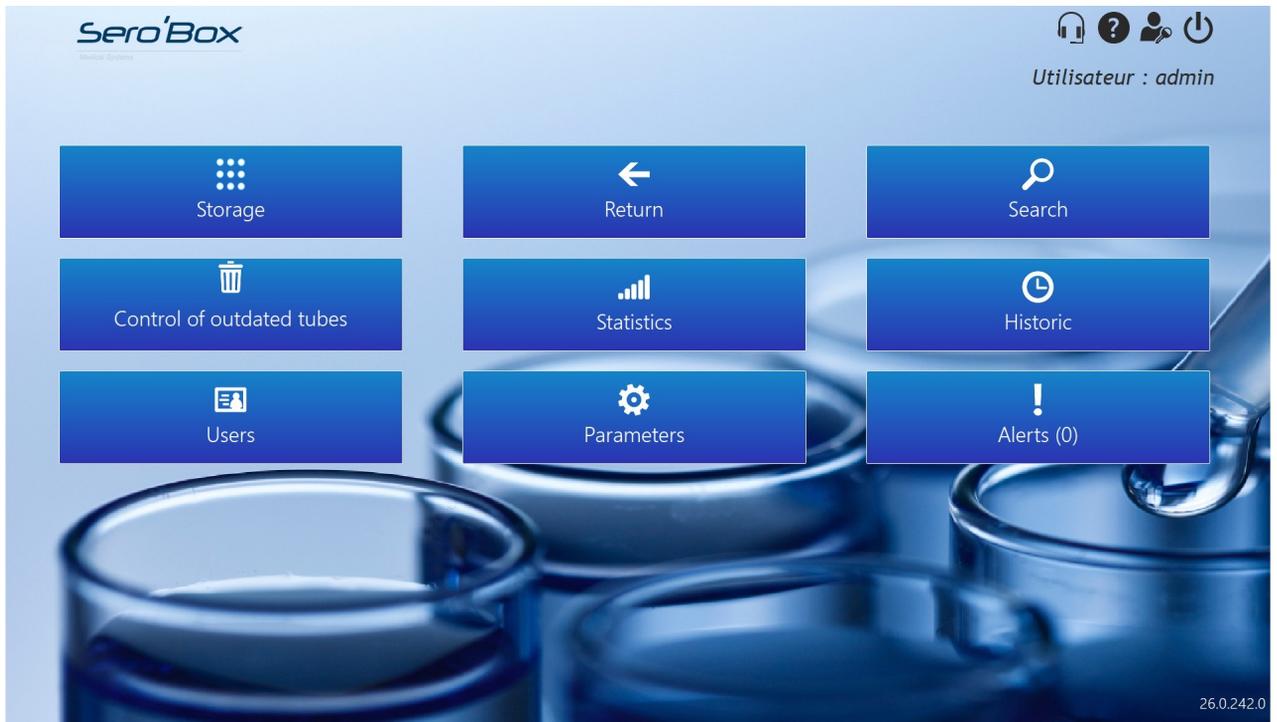
Portoir tube			
Référence	Hauteur	Dimensions	Diamètre
PSB1122	60mm	510 x 510mm	Ø13
PSB1122-16	60mm	510 x 510mm	Ø16
PSB1122-20	60mm	510 x 510mm	Ø20

# Solution 1 = Internal Layout

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# Software SERO'BOX®



## The software enables...

Storage of biological samples with barcode  
Choice of collection / sex / date of birth / date of entry Choice of other fields  
volume / thawing / temporary release Real time inventory  
History of all actions taken  
Addition of attachments and files attached to tubes  
Geo location of each sample  
Choice of storage temperatures (+5°C / -20°C and -80°C) Unit (freezer or refrigerator), tray/rack and position settings  
Choice of users and administrators  
Multi-criteria search tab  
Alerts for expired or out-of-use samples  
Different statistics on use  
Two languages (French and English)  
Live hotline  
Online brochure / training document  
Login and logout via login and password  
Option to edit labels for biological tubes and racks Electronic lock option with login

## Easy to use, efficient and secure software...

# Solution 2 = Rack / Cryobox

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## Descriptif



Horizontal rack 290h x 140w x 560d  
sold complete with 5 trays. Rack  
suitable to hold 2 inch cryoboxes



Rack / Cryobox			
Référence	Hauteur	Dimensions	Nb Boxes
Rack AH039	290 mm	140 w x 560 d	20
Cryobox SB	52 mm	134 x 134mm	100 tubes

# Software SERO'BOX®

## Descriptif

This version of the SERO'BOX software is specifically designed for racks and cryoboxes. It is perfectly suited to this configuration. The settings remain simple and effective, and the software is still intuitive and very easy to use.

The screenshot displays the SERO'BOX software interface. At the top left is the logo "Sero'Box". At the top right, there are icons for help, user, and power, with the text "Utilisateur : admin" below them. The main dashboard features nine blue buttons: "Storage", "Return", "Search", "Control of outdated tubes", "Statistics", "Historic", "Users", "Parameters", and "Alerts (0)".

A configuration window is open, titled "Liste des unités" (Unit List) on the left and "Configuration de l'unité" (Unit Configuration) on the right. The "Liste des unités" window shows a table with columns "Nom de l'unité" and "Type". The "Configuration de l'unité" window includes the following fields:

- Nom de l'unité:
- Type:  (with a cryobox icon)
- Nombre d'étage:

Below these are sections for "Configuration des Racks" and "Configuration des boîtes":

- Configuration des Racks: Nombre de racks par étage  (with rack icon), Nombre de boîtes par rack  (with rack icon).
- Configuration des boîtes: Séparateur / Boîtes  X  (with box icon).

At the bottom of the configuration window, there are three buttons: "Choisir collections" (with a list icon), "Valider" (with a checkmark icon), and "Annuler" (with an X icon).

# Software SERO'BOX® V2.1

Serum bank Management software

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## Descriptif

Simple and intuitive software  
Fully customizable  
Advanced multi-criteria search  
Expired tubes alert in the Serumbank  
Traceability of all actions undertaken

Option  
Interface with « LIS »

Store, search and trace with simplicity



Reference	windows		
LOGSB V2.1	Full version		

# Freezer SB-ULUF P510

**ULTRA LOW TEMPERATURE | HIGHLY RELIABLE ULT FREEZER WITH NATURAL REFRIGERANT AND LOW POWER CONSUMPTION** The freezer comes with the extremely powerful independent TRUE DUAL™ technology that keeps the samples protected at  $-70^{\circ}\text{C}$  if an unexpected failure occurred keeping you worry-free and the samples secured and safely guarded.

**RELIABLE FREEZING** This model features a swift pull-down time of about 3 hours<sup>1</sup>, showcasing a strong cooling system with robust insulation from a mix of polyurethane and vacuum-insulated panels. Even with frequent door openings, it quickly reestablishes a uniform temperature, maintaining a reliable environment unaffected by external temperatures, thanks to its excellent temperature recovery capabilities. <sup>1</sup> See below graph under “Improved recovery time”. Ambient temperature  $32^{\circ}\text{C}$  Freezer with no-load.

**ENVIRONMENTALLY FRIENDLY** Our units are completely free of HFCs, HCFCs, CFCs, and PFCs. Additionally, the ODP value is zero, ensuring effective sample protection while fully safeguarding the environment. These eco-friendly refrigerants also reduce energy consumption, enhancing the cooling system’s costeffectiveness and maintaining high performance through strong thermodynamic properties.

**ULTIMATE SAMPLE PROTECTION** This model incorporates advanced technologies and the very best components for exceptional performance. Our TRUE DUAL™ technology prevents sample loss by keeping the freezer operational in the unlikely event of one compressor failing, maintaining  $-70^{\circ}\text{C}$ . This ensures your research or samples are protected around the clock, avoiding the risks associated with inferior laboratory equipment.

**MULTI-VOLTAGE** Our multi-voltage freezers operate between 100 to 240 volts, seamlessly integrating into global settings without additional adapters or transformers. This adaptability also ensures resilience against power fluctuations, providing safe and stable storage for sensitive materials.



TRUE DUAL™  
TECHNOLOGY



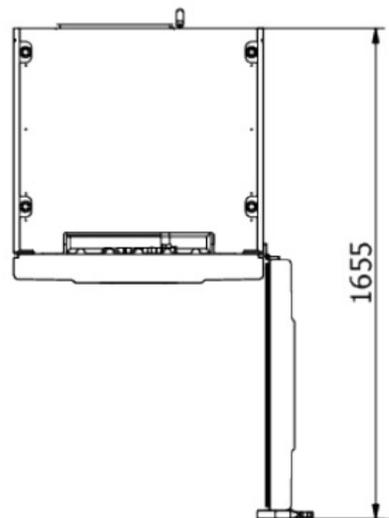
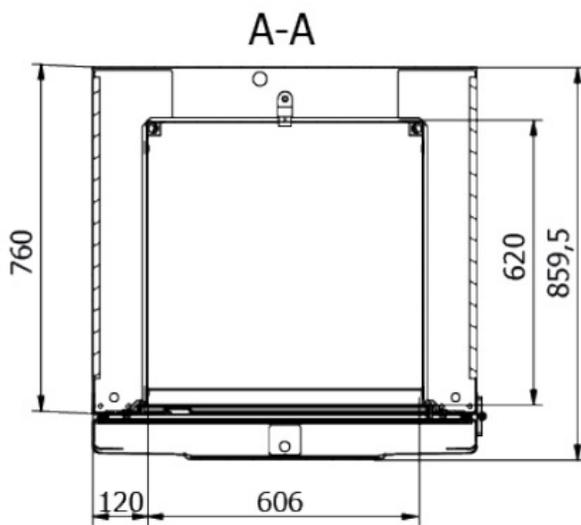
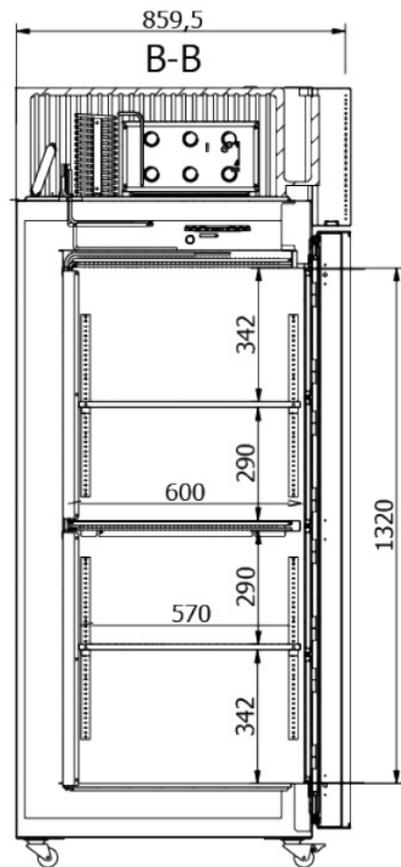
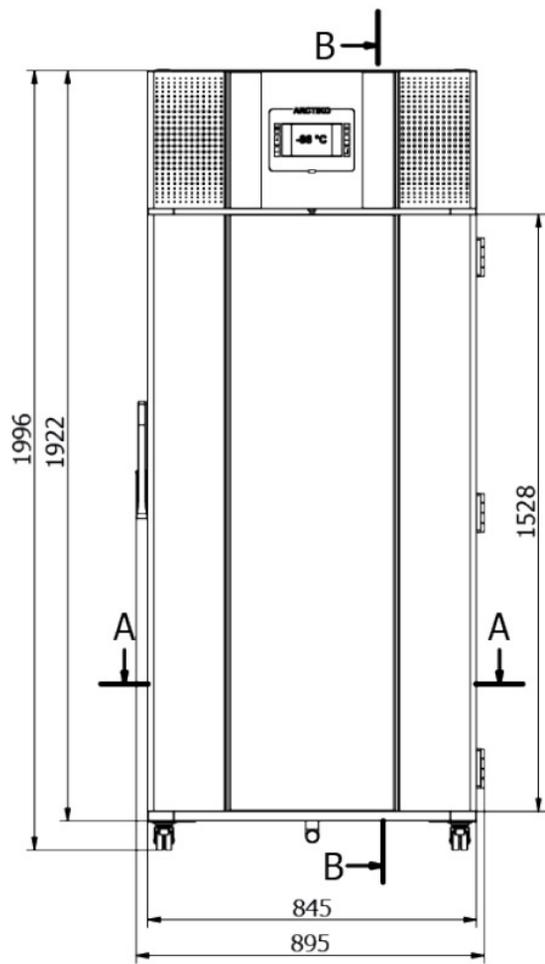
VIP  
VACUUM  
INSULATED  
PANELS



DIRECT  
COOLING



# Freezer SB-ULUF P510



# Accessories

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## Descriptif



- PC tactile MSI (windows 11)
- Scanner 1D/2D

## Options

- Printer TSC
- Scanner 2D
- Tube 2D
- Tubes standards
- 2D Datamatrix code Tubes
- Cryoboxes SB
- Racks
- Trays
- Labels





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