Sero'Box

Intelligent Serumbank

AccsA'tech
Medical Systems

Sero'Box … intelligent Serumbank

Betting on innovation, means taking a risk, but you stand out; and add even more value to the services that you offer.

Prepare for the future by being one step ahead of the rest:

With your new intelligent Serumbank you can anticipate future by optimizing the storage of your biological serums.

Sero'Box is the essential tool in the management of your Serumbank to meet the EU regulations ISO 15.189, as well as qualitative and quantitative accreditation for your laboratories.

Traceability is one of your priorities in this process; Sero'Box enables you to track your biological samples from the sampling stage to destruction.

⟁ Product designed to optimize Serumbank storage and management

⟁ Certification Standards COFRAC NFX 15.140 – ISO 15.189

⟁ Storage optimization from 11.220 tubes up to more than 152.000 tubes

⟁ Safe handling & productivity gain

⟁ Temperature and control management in real time

⟁ Traceability of biological samples guaranteed.
   Position and tracking of each tube or microplate is done in a second

⟁ Easy to install and use / Plug and play system

⟁ Full statistics and history of Serumbank
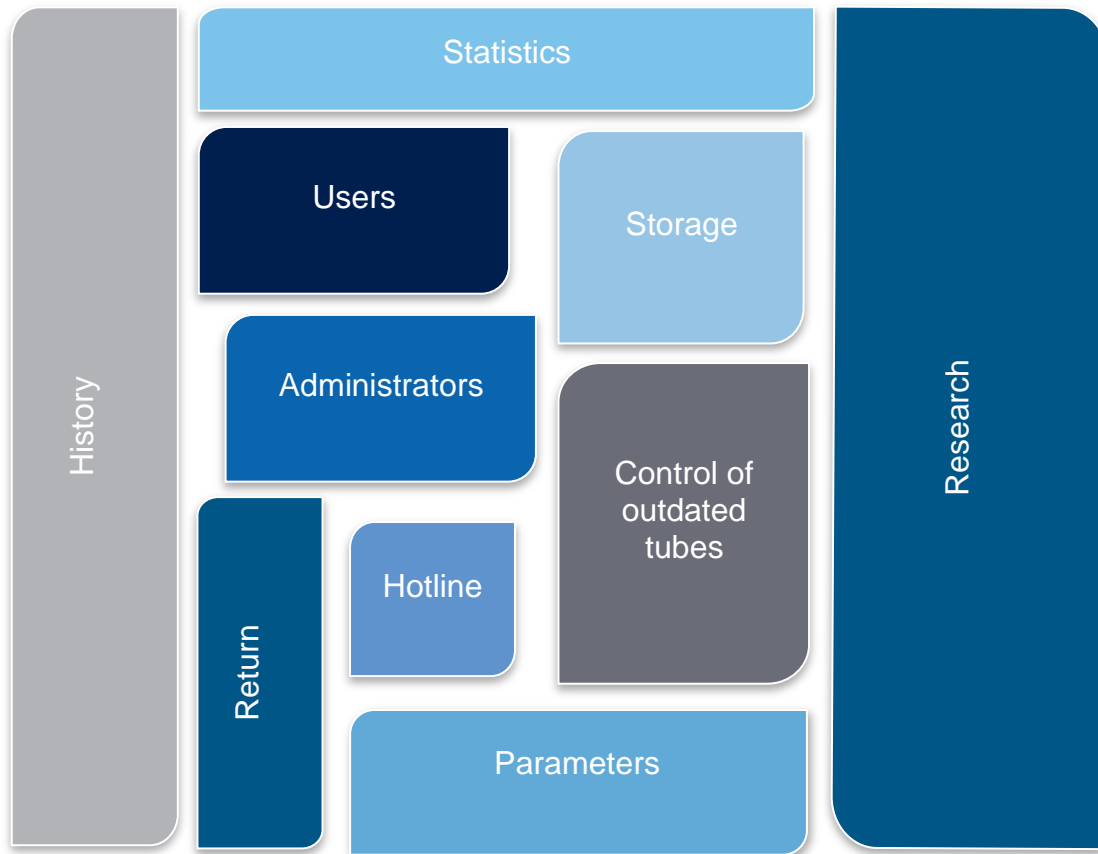
Performance & innovation

Sero'Box … integrated software

- Simple and intuitive software

- Fully customizable

- Advanced multi-criteria search

- Expired tubes alert in the Serumbank

- Traceability of all actions undertaken

- Option – temperature management in real time

- Option - interface with « LIS » Laboratory Information System

Store, search and trace with simplicity

Sero'Box… simple and intuitive software

🌀 Our integrated software Sero'Box can be customized according to your specifications

🌀 Traceability can be modified according to the needs of a department or a company

🌀 Interfaces can be developed as uni or bi-directional.

🌀 Our application can support a large number of refrigerators, freezers and cold rooms, on one or multiple sites

🌀 Our application is fully customizable, adaptable and powerful to meet accreditation standards

🌀 Our software can be managed in Webservice.

Integrated Software

Sero'Box… racks for primary tubes

Professional medical equipment
Temperatures from +5°c to - 86°c
Sliding tube trays
Large storage capacity

Ultra quick and easy tube
identification & search

Ventilated refrigeration
Electronic control
Sound & visual alarms

Touchscreen 17" PC
Integrated intuitive software
Barcode reader

Triple-crystal glass door or solid door
LED lighting

Scalable system, safe to operate, compact

Traceability & Safety

Sero'Box…a wide range

SB LF 2100 W PRO
2100 litres
33.660 to 138.040 tubes stored

SB LF 1160 W PRO
1160 litres
22.440 to 92.160 tubes stored

SB LF 530 W PRO
530 litres
11.220 to 46.080 tubes stored

Tubes	SB LF 530		SB LF 1160		SB LF 2100	
Volume	530 L		1160 L		2100 L	
Temperatures	+5° to - 40°C		+5° to - 30°C		+5° to - 25°C	
Dimensions H x L x P mm	2100 x 750 x 700		2100 x 1500 x 700		2100 x 2250 x 820	
Tubes 0,5 à 2 ml Ø13 H<= 40 mm	20 rk.	22 440	40 rk.	44 880	60 rk.	67 320
Tubes 5 ml Ø13 H<= 75 mm, without cap	12 rk.	13 464	24 rk.	26 928	36 rk.	40 392
Tubes 7 ml Ø13 H<= 110 mm	10 rk.	11 220	20 rk.	22 440	30 rk.	33 660
Tubes 1,4 ml Ø 9 H<= 45 mm	20 rk.	46 080	40 rk.	92 160	60 rk.	138 240

rk. = racks
*Data are indicative, they depend on the tube's height

A wide range

Sero'Box … microplaques SBS

Integrated mini scanner for reading barcode 1D and 2 D Data matrix tubes (96-pitch or 48-pitch) in 5 seconds.

Each microplate is identified and localized according to its storage location.

Each registered box and tube are tracked for a specific length of time

The search is easy using integrated high-performance software

Microplaques 120 x 80 mm	SB LF 625		SB LF 1365		SB LF 2100	
Volume	625 L		1365 L		2100 L	
Temperatures	+5° to - 40°C		+5° to - 30°C		+5° to - 25°C	
Dimensions H x L x P mm	2100 x 750 x 820		2100 x 1500 x 820		2100 x 2250 x 820	
Tubes 1,4 ml Ø 9 H<= 45 mm – 96 pitch	528 mp	50 688	1 056 mp	101 376	1 584 mp	152 064
Tubes 1,4 ml Ø13 H<= 45 mm – 48 pitch	528 mp	25 342	1 056 mp	50 688	1 584 mp	76 032

mp = microplates ; 22 trays
*Data are indicative, they depend on the tube's height tubes

A complete range

Sero'box …Cryo-conservation

SB ULF 650

Freezer -86°c, 650 litres
21.318 tubes stored on trays
43.776 tubes stored with microplates

Trays displayed between each individual door

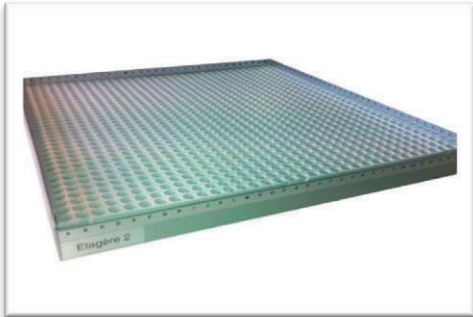| Tubes < = Ø 13 ou Microplaques 120 x 80 mm	SB ULF 650	
Volume	650 L	
Temperatures	- 86°C	
Dimensions H x L x P mm	1980 x 1035 x 900	
Tubes 0,5 à 2 ml Ø13 H<= 45 mm rk. =racks	19 rk.	21 318
Tubes 1,4 ml Ø13 H<= 45 mm microplaques, 48- pitch	456 mp	21 888
Tubes 1,4 ml Ø 9 H<= 45 mm microplaques, 96-pitch	456 mp	43 776

mp = microplates
* *Data are indicative, they depend on the tube's height

Ultra low temperature

Sero'Box …Accessories

Removable sliding trays, easy to work on benches
May be placed on rack in a cold room or sent to another site

Rack / fixed shelves for cold room
Removable sliding trays,
Custom-made

Integrated mini scanner for reading barcode 1D and 2 D Data matrix tubes (96-pitch or 48-pitch) in 5 seconds.
Integrated software customizable

Sero'Box …environmentally friendly
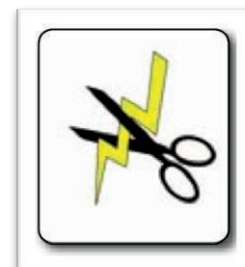
Environmentally friendly, Use of ecological refrigerant gas,

Green technology product

95% recyclable product

Low-power consumption

Your custom-made Sero'Box

- Your Sero'Box is made-to-measure specifically for your cold-room

- Specific equipment for refrigerators, freezers

- Specific equipment for reagent refrigerated cabinets

- Management and temperature control

- Traceability of biological samples guaranteed

- Audit and advice for organizing your Serumbank

Sero'Box *meets your laboratory accreditations*