SCV Series

<-150°C

COMPACT AUTOMATED CRYO BIOBANKING SYSTEM





AUTOMATED BIO-LIBRARIES

The SCV-Series builds on Liconic's established STV- Series in the BiOLiX family of biobanking automated storage systems. The SCV-Series offers fully automated cryogenic storage and retrieval in a compact, scalable format. This is an affordable solution for those with smaller-scale sample collections (20k–100k) or requiring process scale-up flexibility.

In line with the BiOLiX product family's built-fit-for purpose design approach, the SCV-Series offers two types of architectures: the stand alone SCV-PT 1k4 and SCV-PT 2k0 models and the modular SCV-MA model series.

SCV FEATURES INCLUDE

- **The temperature in this sentence should be: never a temperature excursion for sample above -135°C throughout entire workflow.**
- **Efficient LN2 cooling – very low usage rates**
- **Unique LN2 insulated and vacuum assisted tube picking protects sample and prevents tube handling errors.**
- **Highly efficient dehumidification prevents ice-induced failures.**
- **Intelligent data management automatic process logging and reporting; robust LIMS integration**
- **Multiple temperature monitoring probes and automated LN2 refill**
- **Safe and traceable sample access guaranteed by novel sample transport handling and the intelligent sample management system**

STV Series

MID TO LARGE SIZE AUTOMATED CRYO BIOBANKING SYSTEM

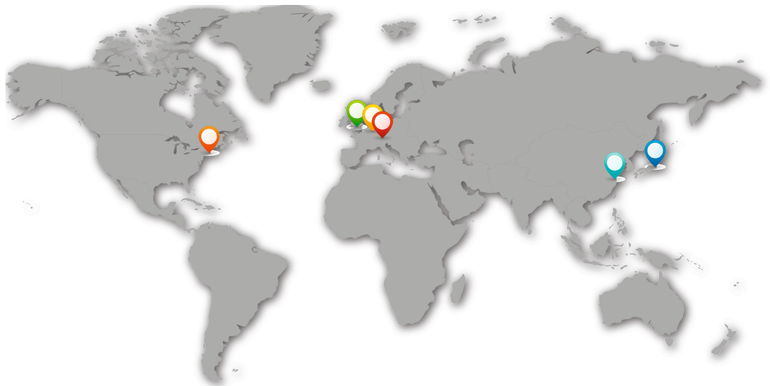




STV-SERIES PRODUCT OVERVIEW

- **The only configurable capacity automated cryogenic (-185°C) storage system available in the market**
- **Small to large-scale systems available**
- **LiCONiC's proprietary high-density storage vessel design**
- **For cell lines, cord blood, stem cells, tissues, etc.**
- **Full rack or picked individual sample retrieval options available**
- **Sample capacities of 50k to > 20 Million**

WORLDWIDE PRESENCE



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LiCONiC INSTRUMENTS

Information within this document is subject to be changed without prior notice. For details please contact our applications at info@liconic.com.
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LiCONiC INSTRUMENTS

INTEGRITY FOR BIOLOGY



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MADE IN LIECHTENSTEIN



INNOVATIVE STORAGE SOLUTIONS

LIFE SCIENCE

RESEARCH AND DEVELOPMENT

AUTOMATED SAMPLE STORAGE

LiCONiC products specialize exclusively in automated storage solutions.

AUTOMATED INCUBATORS AND PLATE HOTELS

LiCONiC leads the industry with integrated storage for automated workcell applications.

AUTOMATED BIOLIBRARIES

LiCONiC provides the most comprehensive application-specific automated storage for biological samples and chemical compounds.

StoreX Series AUTOMATED INCUBATOR FOR ROBOTIC INTEGRATION

200°C
70°C
-20°C



MAIN FEATURES

By introducing the first automated incubator, LiCONiC created a new standard in the HTS industry during the early 1990s. The exclusive focus on technology and quality has kept us the leader in the life sciences industry with more innovation and trendsetting solutions ever since. Only LiCONiC Automated Incubators are consequently based on the concept that matches the challenges of handling automation with the needs of climates at their extremes.

Driven by customer satisfaction and application excellence, LiCONiC continues to create new solutions for the ever-changing scientific community and to match the market's growing needs.

- **Capacity - 44 over 3000 MTP equivalent capacity**
- **Compact - the smallest foot-prints in the industry**
- **Bench-top, stand-alone or under-bench configuration**
- **Superior environmental conditions by proprietary IR-gas sensor, cassette design, humidity- and temperature control**
- **Wide temperature range- from -20°C to 200°C**
- **Fast-loading times down to 6 sec.**
- **Clean-configurable with Safe Erase decontamination and nWay contamination protection**
- **Water pan free-sterile and clean humidity injection system eliminates the need for a water pan**
- **True orbital shaking-only LiCONiC offers true orbital shaking from 1-50mm**

BiO.Li.X! AUTOMATED BIO-LIBRARIES FOR MODERN BIO-BANKING

LiCONiC INSTRUMENTS

-196°C
-80°C
-40°C
-20°C
RT



LiCotel AUTOMATED PLATE HOTELS FOR ROBOTIC INTEGRATION

RT





Initially designed on customer request, LiCONiC Plate Hotels have become the most popular workhorses in thousands of applications requiring automated open storage space. In the early 90s, LiCONiC, for the first time, introduced fully automated storage with single-plate random access capability.

Today LiCONiC offers the most complete selection of plate hotels that cover all needs of modern laboratory automation. All LiCONiC Plate Hotels support full random access. Unique flexibility is built into the design. Various options and a vast selection of accessories make each plate hotel configurable to meet any integration's specific needs best.

Designed and built, especially for automation, LiCONiC's Plate Hotels provide full remote operation while maintaining straightforward integration. Many years of experience and close focus on highly specialized technology made LiCONiC's LiCotel-Series plate hotels the market's most trusted choice for automated plate storage solutions.

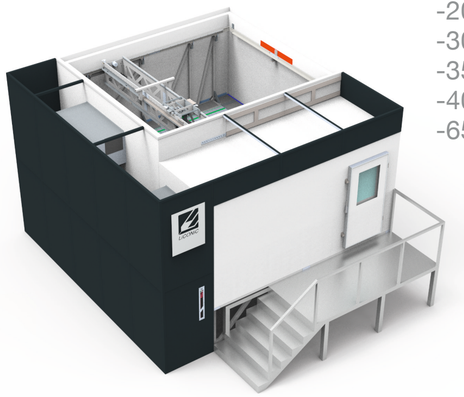


MAIN FEATURES

- **Capacity-from 44 to 1500 MTP equivalent size plates and beyond**
- **Compact-the smallest footprints in the industry**
- **Fast-loading times down to 3 seconds**
- **Multiple configurations-bench-top, stand-alone, under-bench or movable**
- **Easy integration -100% software compatible**
- **LiCONiC's unique True Orbital Shaking from 1-6mm**

HIBERNX AUTOMATED STORES FOR FROZEN PLASMA

-18°C
-20°C
-30°C
-35°C
-40°C
-65°C



MAIN FEATURES

- **Simplified workflow**
- **Reduced running costs of low-temperature storage**
- **Seamless integration**
- **Reliable temperature stability**
- **Customized capacity of storage**

Hereby, each blood establishment manufactures tens to hundreds of thousands of units of the recovered plasma and plasma from plasma-pheresis procedures. Those plasma units are used as Fresh Frozen Plasma and as Source Plasma.

The High costs of virus inactivation procedures make quarantine the best safeguard method for FFP plasma. Interaction with pharmaceutical fractionators and fluctuating market demand prevents the industry from collecting source plasma immediately or regularly. Consequently, blood establishments are forced to store substantial amounts of this frozen component over a significant period.

At times the storage process involves lengthy and tedious operations, and the storage of blood components are the last element in the chain of blood establishment production, which has not yet been successfully automated. The new LiCONiC HibernX revolutionizes blood plasma production by providing complete automation and total monitoring safety in blood plasma storage.

MAIN FEATURES

- **Proven sample integrity**
- **Unique system design that never requires defrost**
- **Best energy performance in the industry**
- **Highest storage density**
- **Intuitive system operation**
- **Extensive LIMS integration installations and support**
- **Large, worldwide user base**

The BiOLiX! biobanking product family includes four categories of instruments, with each category specifically designed to meet the needs of the various biobanking applications. Outstanding performance is achieved by designing the systems to the respective physical constraints. The BiOLiX! Series is the market's most complete and most trusted solution for automated biobanking.

SPACE EFFICIENCY

The dimensions of the BiOLiX! systems are configured with the highest degree of precision of any storage system on the market. This allows the systems to best utilize the space of any room dimension with the highest sample capacity possible.

