

-196°C
-85°C
-40°C
-20°C
RT

BiO.Li.X!

Automated Bio-Libraries for Modern Biobanking

Automated Bio-Libraries

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.

Main Features

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

LiCONiC Instruments

LiCONiC is the world's leading supplier of automated storage systems. LiCONiC's excellent reputation is built upon over 25 years of providing successful automated sample storage solutions that offer a comprehensive line of storage systems, with each system tailored to specific needs. Thousands of systems sold worldwide have resulted in the market's most comprehensive selection of Automated Biobanking Repositories.

BiOLiX! Series Product Overview



STT-Series

The STT series is the most compact of LiCONiC's fully automated sample storage systems. The STT fits in virtually any lab and is quickly installed. It is ideal for a wide variety of sample types and applications, including integrated workcells. The STT is ideal for sample collections in the 50,000 to 150,000 range and can be configured for various temperatures including -80°C ULT.

STC-Series

The STC series supports a wide range of sample types and applications, which range from medium to large scale capacity requirements, and reaches temperatures as low as -80°C. The STC's ultra-high density storage is configurable to precisely fit any room dimensions. This fully automated storage solution is a popular choice for biobanking applications storing blood, DNA, RNA, proteins, tissues, and more.



SAB-Series

The SAB series is an ideal solution for large sample collections that have high tube and rack variability. It is especially suited for non-automation friendly labware, such as cryovial boxes. The SAB provides a straightforward pathway for converting manual freezer processes to an automated environment.

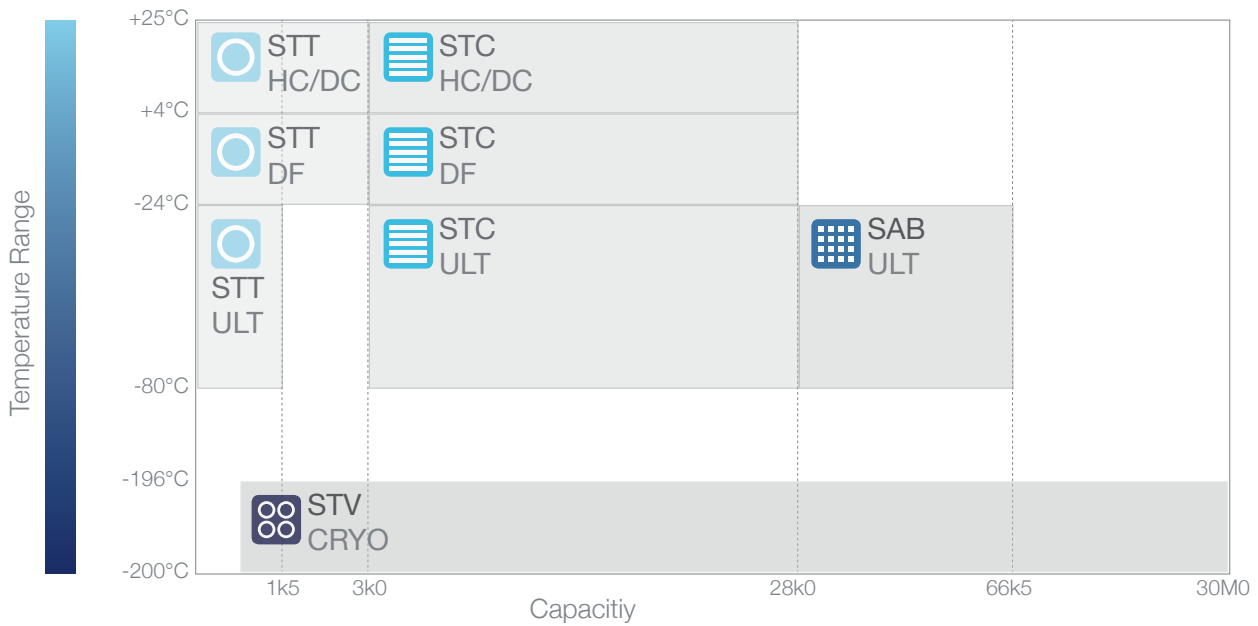
STV-Series

The STV series is a fully automated cryogenic vapor phase LN2 (-185°C) storage system for samples requiring cryopreservation. High density storage in a wide variety of configurations is scalable from 50,000 to 20,000,000+ samples.

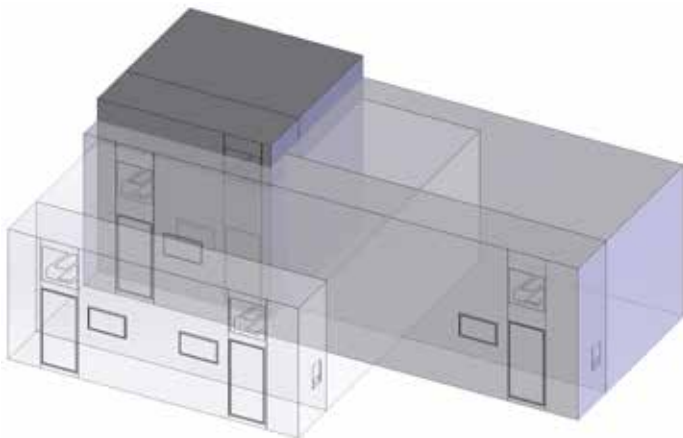


Temperature Range and Capacities

LiCONiC's BiOLiX! series is the market's most complete selection of products for automated biobanking. Products are categorized by application, temperature and capacity.



Space Efficiency



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

Unlimited Labware Support

LiCONiC's family of BiOLiX! products uses state-of-the-art technology and is easy to integrate into any application. Flexibility in engineering design allows for specific application use including population, disease, and research oriented biobanks, as well as tissue and stem cell cryobanks.

BiOLiX! systems can store mixtures of various labware, including a large variety of cryovials, microtubes, and boxes, all which can be handled with our unique Kiwi tube picker technology. More than 1,000 configurations are available for customer specified needs.



Intuitive Software

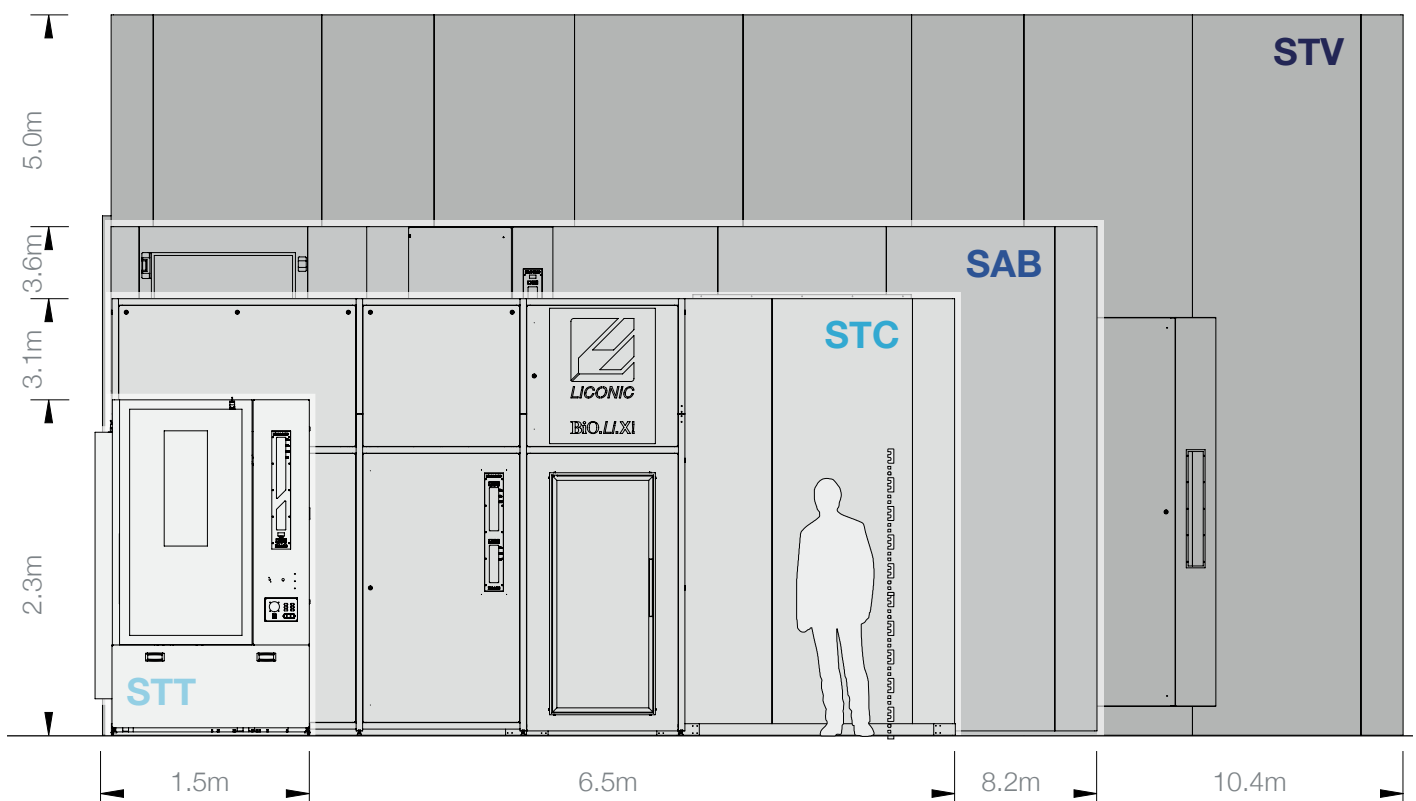
- Graphical Job Creation for Import/Export of Samples
- Easy Search of Samples by Barcode, Name, Data etc.
- Complete Audit Trail
- Automatic Inventory Defragmentation
- Automatic Data Backup
- Integration to LIMS Database
- Remote Support
- Mobile Device Control
- User Access Security

Options & Accessories

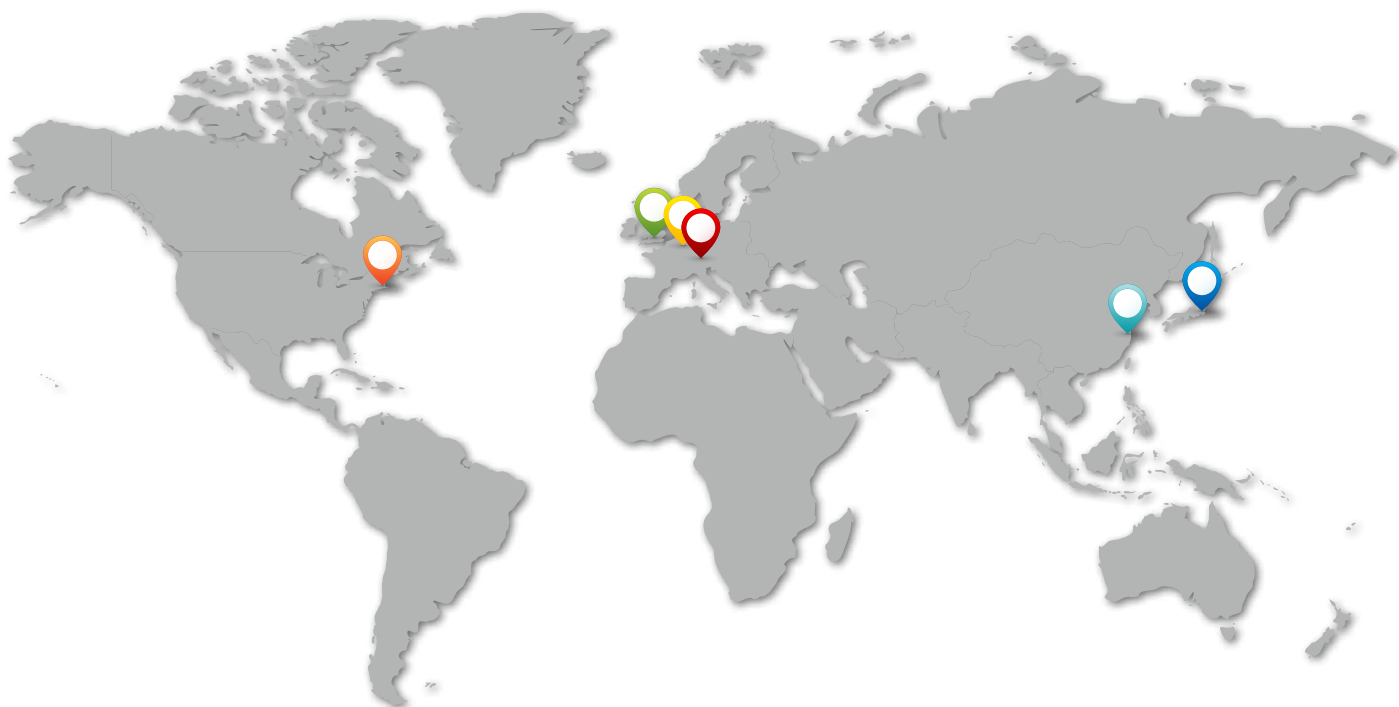
- Barcode Reader
- Flexible Labware Support
- Configurable to Room Constraints
- Tablet Interface
- External Database Integration
- Remote Monitoring
- Internal Vision System
- Multi - Tube / Vial Picker
- LN2 - Backup Option
- 2D - BCR Rack Scanner
- Redundant Refrigeration
- Dynamically Configurable Storage Cassettes
- External Interface Station

Dimensions

The BiOLiX! systems are configurable to best match any spatial requirement. The STT systems offer fully automated storage in a defined small footprint with low height requirements. The STC, SAB, and STV comply with the given space of any room. Coupled with a high-density storage design, LiCONiC provides the industry's best sample capacity for any given space.



Worldwide Presence



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