

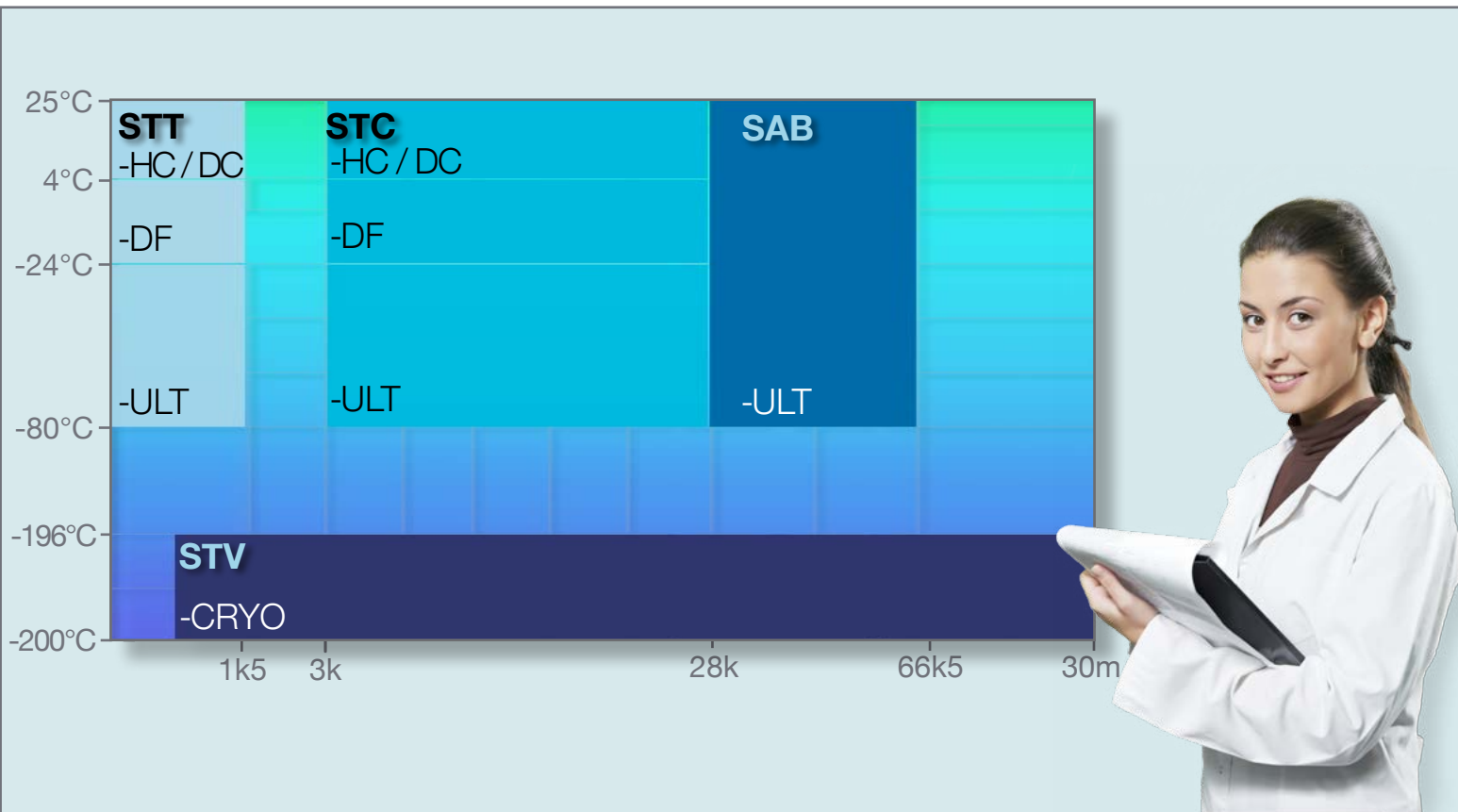


BiO.Li.X!

RT, -20°C, -85°C, -196°C
Automated Bio-Libraries

LiCONiC is the world's largest supplier exclusively specialized in Automated Storage Systems. 25-years of experience and thousands of systems sold worldwide have resulted in the market's most comprehensive selection of Automated Biobanking Repositories. Each of Liconic various product lines are tailored to best fit specific application needs.

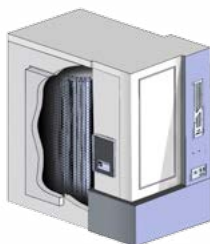




BiOLiX STT-Series

For biobanking applications requiring extreme space efficiency and high demand sample access.

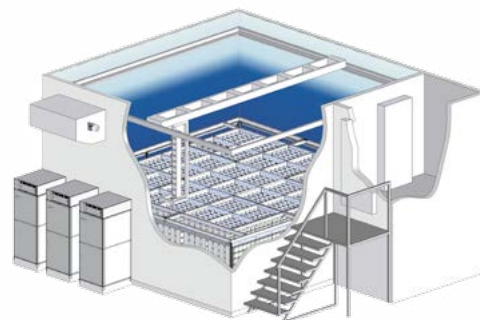
- For -20°C and -80°C applications requiring very compact, fully automated storage
- DNA, RNA, oligos, proteins, blood fractions, bacteria, tissues
- Fits in your lab; quickly installed
- Ideal storage capacity range: 50.000 to 150.000 samples
- Perfect for integrated work cell applications (e.g. sample prep stations)



BiOLiX SAB-Series

For large scale sample collections with high container variability. Easy to transfer collections from manual freezers.

- High density, large capacity, simple store and retrieve process
- Easy transition from manual freezers to automated system
- Great for automating non-SBS formatted, odd sized, non-automation friendly labware (e.g. cryovial boxes)
- Ideal storage capacity range: >1,000,000 samples
- Longitudinal Population/Disease based studies, Epidemiological, Tissue Banks

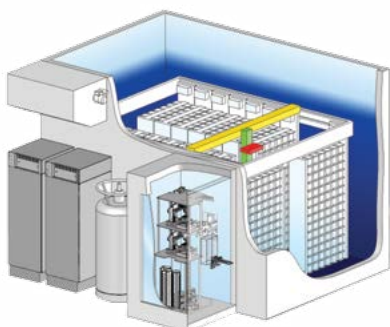


		Product Line			
		STT	STC	SAB	STV
Repository Size	National or Multinational Population Genetics (>1,000,000)		✓	✓	✓
	Disease/Epidemiological Studies (100k - >M)	✓	✓	✓	✓
	Centralized or Core Academic Storage Facilities (200k - >2M)		✓	✓	✓
	Commercial Diagnostic and Reagent Storage (100k - 1M)	✓	✓		✓
	Localized and Subset Collections (50k - 200k)	✓			✓
	Personalized and Subset Collections (Stem Cells, Core Blood 200k - >2M)				✓
Temperature	Room Temperature (RT) +25°C	✓	✓	✓	
	Dry Cooled (DC) +04°C +12°C	✓	✓	✓	
	Deep Frozen (DF) -30°C /-20°C	✓	✓	✓	
	Ultra-Low Temperature (ULT) -85°C	✓	✓	✓	
	Cryo Preservation (LN2) -180°C / -196°C				✓
Automation	Semi			✓	✓
	Full	✓	✓		
	Rack-Based	✓	✓	✓	✓
	Tube-Based	✓	✓		✓
Integration	Stand-Alone Work Cell	✓	✓		
	Robotic Platform	✓	✓		
	LIMS-Integrated	✓	✓	✓	✓
Efficiency	Energy-Efficiency / Power Consumption	++	+++	++++	+++++
	Space Efficiency	+++	+++	+++	++
	Sample Packing Density	+	+++	+++	+
Climate	Uninterrupted Temperature Stability	++	++	++	+++
	Redundancy Concept	optional	✓	✓	✓
	Backup Infrastructure	✓	✓	✓	
	Controlled Temperature Sample Picking Environment	✓	✓		✓
Security	Embedded Robotic Motion-Tracking	✓	✓	✓	✓
	Rack Identification	✓	✓	✓	✓
	Rack Tracking	✓	✓	✓	✓
	Sample-Identification	✓	✓	✓	✓
	Sample Tracking	✓	✓	✓	✓
	Sample Tracing	✓	✓	✓	✓
Flexibility	Installation	+++++	++	+++++	++
	Tubes	+++	++	++++	++++
	Racks	++	++	+++++	++

BiOLiX STC-Series

Addresses the widest range of biobanking applications.

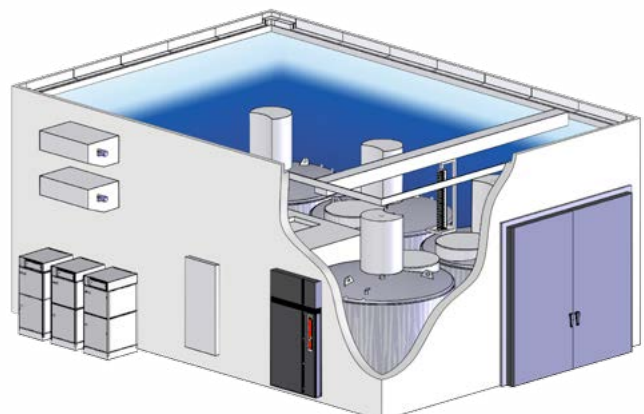
- Handles the widest range of Biobanking applications of all Liconic stores
- +25°C to -80°C
- High density storage, medium to large scale capacity
- Fit to room size - scalable and expandable
- Ideal storage capacity range: 100.000 to millions of samples



BiOLiX STV-Series

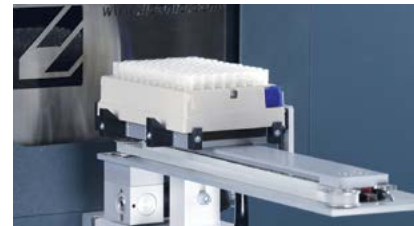
The only truly capacity configurable automated cryogenic temperature (-180°C to -196°C) system in the industry (cell lines, cord blood, tissue).

- First to market capacity scalable, fully automated cryogenic system
- Highest density automated cryogenic storage
- Cell lines, tissues, stem cells, cord blood, cell therapy storage, sensitive proteins
- Ideal storage capacity range: 100,000 - >2,000,000 samples



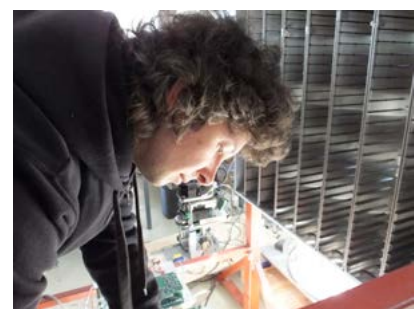
Intuitive software (STXGui)

- Graphical job creation for import / export of samples
- Easy search of samples by barcode, name, date etc.
- Complete audit trail
- Automatic inventory defragmentation
- Automatic data backup
- Integration to LIMS database
- Remote support
- Mobile device control
- User access security

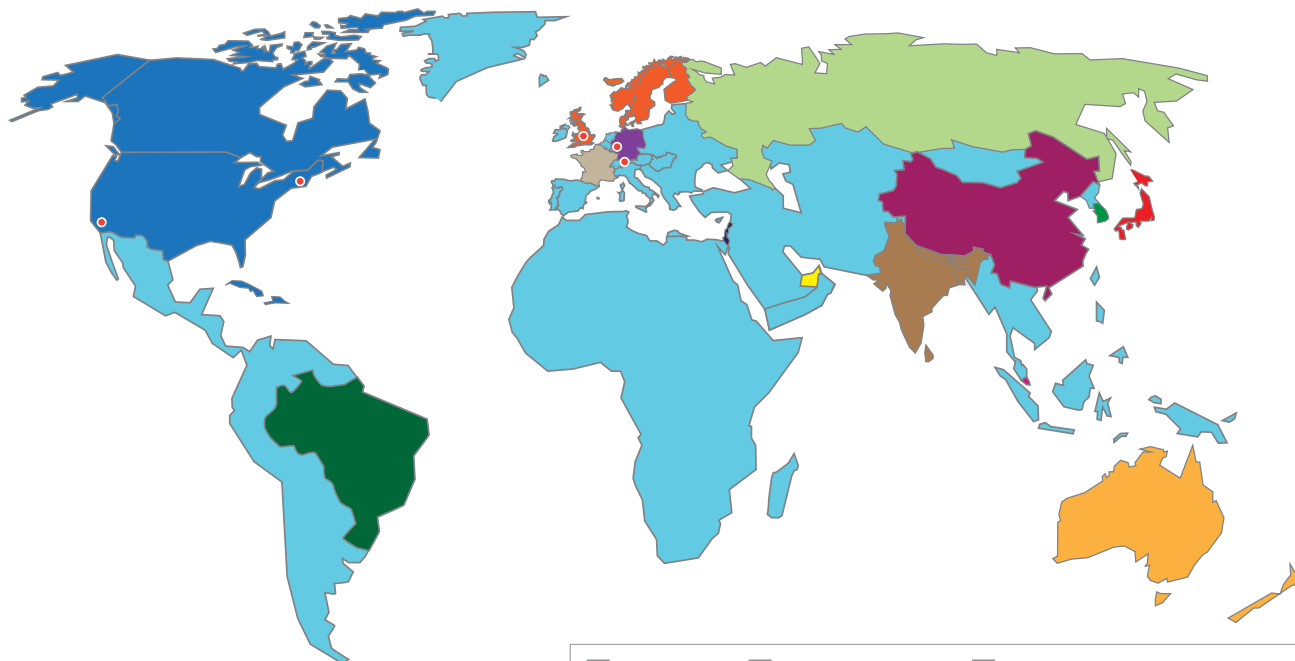


Configurable options & accessories

- System dimension fit to room size
- LN2 - Backup option
- Ultra low temperature or cryogenic
- Multi - tube / vial picker
- 2D - Rack scanner (single tube ID)
- Redundant refrigeration
- External database integration
- N2 gassing
- Tablet Interface
- Dynamically configurable storage cassettes
- Internal vision system
- Remote monitoring
- External interface slide
- Large device driver library and development tools



Worldwide Presence



LICONIC AG	CyBio France	Bioscreen Instruments Pvt Ltd
LICONIC US	Eldan Electronic Instruments	Asahi Life Science Co. Ltd / Waken B Tech Co. Ltd
RChisto	LAS, United Arab Emirates	BMS Chayon / Applebio Co.
LICONIC UK Ltd	OOO Quadros-Bio	Manyara Biotech Pte. Ltd
LICONIC Germany	Avantech	Millennium Science Pty Ltd

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