



FOR COMPACT AUTOMATED STORAGE AND RETRIEVAL OF BIOLOGICAL SAMPLES



SCC FEATURES PROVIDE

- -80°C Sample Storage and Retrieval of tubes and/or racks with compact footprint and affordability
- Sample Integrity assurance with cooling back-up
- Full labware type flexibility in SBS rack format
- Highly efficient dehumidification for frost free operation
- Intelligent data management; automation logging and reporting; robust LIMS integration
- Fast and Easy Installation



AUTOMATED BIO-LIBRARIES

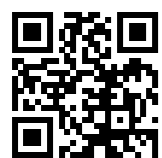
Automation in ultra-low temperature requires time-tested, field proven operation. Keeping the climate stable and frost-free in an instrument that is exchanging samples with an external environment requires good design and experience. LiCONiC incorporates our 30 plus years of field tested automation and environmental control designs to ensure temperature stability, homogeneity, and humidity control across all BiOLiX Series.

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 tailored to specific needs. Thousands of systems sold worldwide have resulted in the market's most comprehensive selection of Automated Biobanking Repositories.



COMPACT AUTOMATED BIOBANKING SYSTEM



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Information within this document is subject to be changed without prior notice. Specification values without tolerances assume a +/- 10% tolerance. For details please contact our applications: sales@liconic.com





SCC 2k0 <-80°C



FEATURES INCLUDE

- Individual Sample Level Storage and Retrieval at -80°C (RNA, Proteins, Blood Fractions)
- Dimensions Fit into Lab Space
- Labware Flexibility – handles multiple tube types in SBS format racks
- 1D and 2D scanner barcode reading
- Chest freezer storage format provides -80°C protected picking

PRODUCT SPECIFICATION SCC 2K0	
Dimension (W*D*H)	1355mm*2700mm*2390mm
Floor Load	≥500kg/m ²
Storage Capacity Examples	~40,300 SBS 48 2ml tubes ~80,600 SBS 96 1ml tubes ~134,400 (0.5ml) SBS 96 <small>High Density SBS racks can also be used</small>
Refrigeration	Air cooled; Fully redundant; Ln2 back-up
Power Consumption	3.5kWh

SCC 1k5 <-80°C



FEATURES INCLUDE

- Individual Sample Level Storage and Retrieval at -80°C (RNA, Proteins, Blood Fractions)
- Dimensions Fit into Lab Space
- Labware Flexibility – handles multiple tube types in SBS format racks
- 1D and 2D scanner barcode reading
- Large batch rack loading capable and workcell integration ready

PRODUCT SPECIFICATION SCC 1K5	
Dimension (W*D*H)	1490mm*2345mm*2328mm
Floor Load	≥500kg/m ²
Storage Capacity Examples	~28,000 SBS 48 2ml tubes ~55,000 SBS 96 1ml tubes ~86,000 SBS 96 0.5ml tubes <small>High Density SBS racks can also be used</small>
Refrigeration	Water cooled; LN2 back-up
Power Consumption	2.5kWh

AUTOMATED BIO-LIBRARIES

The SCC Line is the most compact of LICONIC Bio-Libraries in the -80°C (ULT) temperature range. The series provides an entry point for operations that are adopting the benefits of automated storage, such as greater sample safety, process throughput, space and power efficiency and data integrity. These sample

stores are fully factory assembled for plug and play installation significantly reducing delivery times and installation complexity. All units are delivered with the intuitive control software and pre-configured PC. The design allows integration to robotic platforms and LIMS databases. SCC units fit in virtually any lab.

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