



Automated Sample Repository Solutions

Product Catalog



Inspire Life Exploration

Genepoint Technologies is committed to providing innovative, automated, intelligent, and comprehensive storage solutions for biological samples. We focus on independent research and development, ensuring full control over the entire R&D and production process.

Upholding the mission of "Inspire Life Exploration, Genepoint consistently pushes technological boundaries and advances the practical applications of life sciences and biomedicine through ongoing innovation.

Genepoint is headquartered in Shanghai and has production, R&D, and product operation centers in both China and Singapore, with a total production area of over 10,000 square meters.

32% +
R&D Employees

250 +
Patents

10 Million +
Sample Stored Globally

10,000m² +
Facility Size

Dedicated to automation-enabled repository solutions

World-leading technology in cryogenic automation

Tool provider for life science research

Statistics as of May, 2026

Product Guide

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Hatch Series

Automated Cryogenic Repository System

**Massive Capacity,
Infinite Intelligence.**

Higher density. Precise temperature control. Intuitive design. Intelligent sample management and comprehensive biosample protection throughout the entire sample lifecycle.

Designed for research institutes, hospital biobanks, and biopharmaceutical laboratories, the Hatch series provides a stable, efficient, and compliant sample storage solution that supports life science discovery at every stage.

40%
Capacity
increased

-150°C
In-tank tube
picking


Vision-assisted
tube picking


Dual-seal
moisture protection

SmartHalo
Intelligent
monitoring system

SampleAtlas
Smart sample
management platform


Auto in-tank refill
for sample carrier

Re-Engineered Structure Maximized Density

Redesigning Density and Storage Efficiency

Structural innovation provides a 20-40% increase in capacity within the same footprint, redefining space efficiency.

*Compared to other models in the Hatch series.

Capacity increased by up to

40%

Versatile Scenarios Tailored for You

Full model matrix featuring multiple product sizes and two height options.

The minimum passage width is just 1.1 meters, easily accommodating any facility layout.

AUTOMATION FOR EVERY SPACE AND SCALE



Uniform Temperature Uncompromised Protection

-150°C In-Tank Tube Picking

Automated tube picking at -150°C without the need for LN₂ pre-cooling refills, reducing operating time and costs. The cryogenic motor drive prevents ice from jamming the mechanisms.

The rack-gripping mechanism minimizes the risk of accidental tipping.

Dual-Seal Moisture Protection

The dual-sealed mechanical chamber maintains positive internal pressure, while the sample carrier is sealed to the partition plate, providing double protection against external moisture intrusion.

Off-Center Narrow-Neck Design

The design significantly reduces LN₂ evaporation and heat intrusion, stabilizes the neck temperature, and extends the cryogenic holding time.

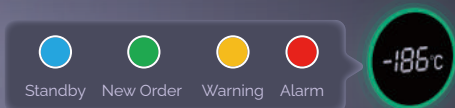


Smart Interface Granular Management

SampleAtlas
INSIDE

SmartHalo Intelligent Monitoring System

SmartHalo is available across all models, provides real-time temperature monitoring and display, order alerts, and equipment notifications-offering system status at a glance.



One-Click Management Mode Switching

Biobank and Research modes are catering to both strict compliance requirements for batch management and flexible workflows for small-scale sample handling needs.



Intuitive Smart Interface

SampleAtlas smart management platform is designed for easy operation. Precise sample management is ensured even as a standalone unit.



Automatic Weighing of the Sample Carrier

The system is integrated with smart refill control, enabling fully automated, closed-loop LN₂ refilling.



Comprehensive Protection Built-In Security



Low Liquid
Level Alarm

24/7 Protection, Even During Power Outages

In the event of power outages, the UPS ensures that samples are returned to safe positions. SmartHalo continues to monitor temperature and LN₂ levels for over 36 hours and performs automatic refills.



Easy Bulk Rack Transfers

The side glove port enables fault handling without disrupting the operating environment. In emergencies, bulk rack transfers can be performed safely without the need for engineering tools, ensuring sample security.

Automatic Anomaly Recovery

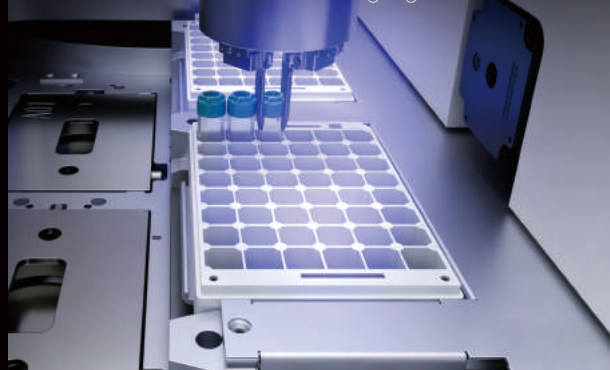
When anomalies are detected, the built-in robust software automatically activates task recovery and resumption processes, minimizing interruptions in the sample handling workflow.



Restore Orders

Vision-Assisted Tube Picking

The technology automatically locates and grips target tubes while providing real-time error alerts. It is compatible with various tube brands and maintains reliable performance even under conditions involving fog or frost.



Accessories

CryoPak Cryogenic Sample Carrier

Continuously monitors and displays the internal temperature during transfers. High-vacuum multilayer insulation (MLI) maintains a stable -150°C environment for up to 18 hours.

CryoPak automatically detects the LN₂ level and refills it inside the Hatch or operates as a standalone unit.



Pelican Biobank Runner

Equipped with autonomous navigation and SLAM laser guidance, it detects environmental changes in real time, intelligently avoids obstacles, and dynamically replans routes.

When paired with the CryoPak sample carrier, it continuously monitors the carrier's temperature and automatically delivers it to the Hatch for LN₂ refilling.



Technical Specifications						
	L	Ls	M	Ms	S	Ss
Exterior Diameter (W*D*H, mm)	1800*2225*2785	1800*2225*2485	1380*1825*2785	1380*1825*2485	1180*1650*2485	1180*1650*2120
Gross Volume (L)	3,200	2,600	2,000	1,660	1,250	1,000
2mL Tube Capacity	> 100,000	> 70,000	> 50,000	> 40,000	> 24,000	> 16,000
Storage Zone Temperature	≤-180°C					
Sample Picking Area Temperature*	≤-150°C					
Display	21.5" Touchscreen					
Recommended Operating Conditions	220 V, 50 Hz, 10 A Temperature 18-28°C; Humidity < 60 %					

* The Hatch-Lite models support rack picking only.

Snorkel

Automated Sample Repository System

Redefining the Laboratory Freezer

Snorkel is a new generation automated sample repository system. It is fully customer-oriented and combines advanced refrigeration technology, exquisite mechanical engineering design, and user-friendly intelligent interaction, ensuring sample safety and convenient sample management.

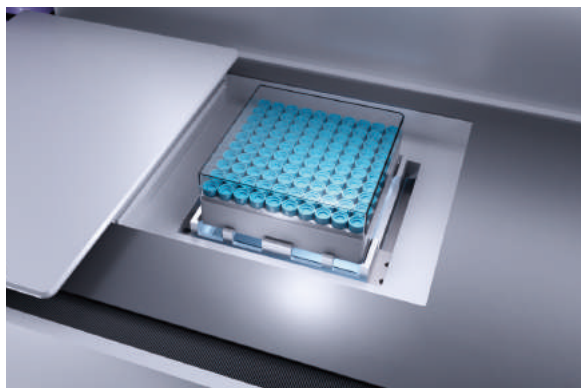




Capacity (0.75 mL)
Up to 150,000 vials

Compact Height
1,992 mm

SampleAtlas
INSIDE



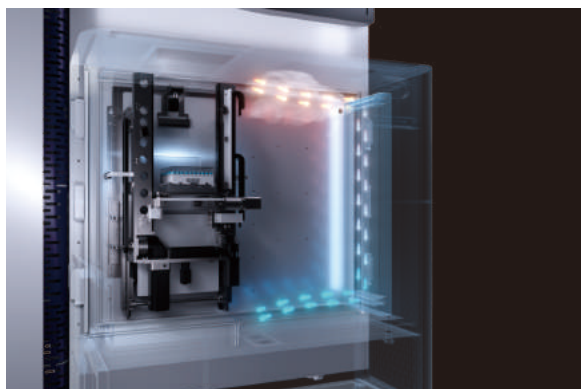
Innovative Sample Retrieval

Automation design enables sample storage and retrieving at low temperatures. The target rack or vial can be obtained in seconds by a simple touch of the screen.



Dedicated Storage Space

With an integrated facial identification, everyone can enjoy their own exclusive space, with guaranteed sample quality and safety. Personal operating preference can also be recorded automatically.



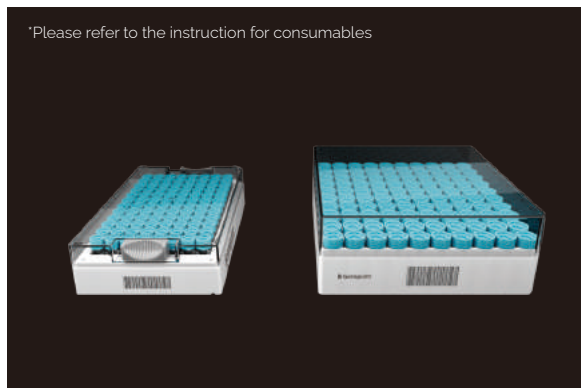
Moisture-Proof Technology

Thermal stratification design creates a natural barrier against convection and minimizes humidity. The front chamber is equipped with an air-cooled dehumidification system, greatly eliminating the need for defrosting.



Ease of Implementation

The compact structural design allows easy transportation and installation without compromising the capacity. No auxiliary devices, such as vacuum pumps or air compressor etc., are required for daily operation. Plugged in and Snorkel is ready for use.



*Please refer to the instruction for consumables

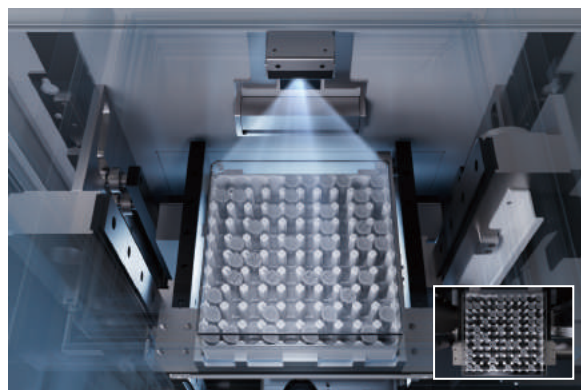
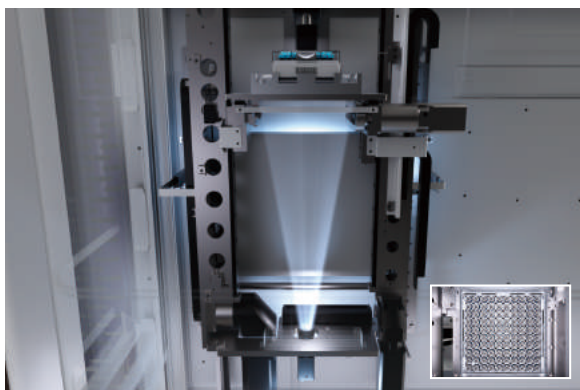


Wide Range of Labware Adaptability

The system is not only adaptable to square cryoboxes or SBS boxes, but also compatible with most labware options, including EP vials, ELISA plates, PCR plates, 15-50mL centrifuge tubes, and paper cryopreservation boxes, etc..

Sample Safety is Top Priority

Featuring with dual independent cascading systems and liquid nitrogen backup systems, Snorkel can guarantee the safety of your samples. The external door of the storage chamber supports emergency opening for samples transferring. The automated mechanism can be slide off quickly with no impact to the storage environment.

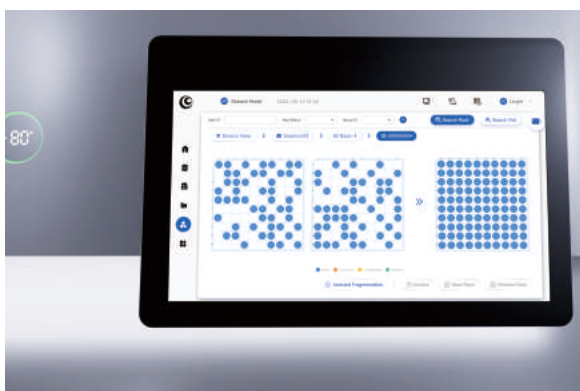


Pre-Installed Sample Management System

The SampleAtlas sample information management system is pre-installed and ready to use. The system provides Research mode and Biobank mode, supporting different information traceability requirements.

Innovative Intelligent Terminal

For samples without DM-code, top view snapshots can easily locate the target samples before samples leaving the storage place, preventing samples from freeze-and-thaw due to prolonged searching.



Effective Management Tool

Snorkel supports defragmentation and cycle counting in low-temperature. Statistical data such as inventory fragmentation rate and storage utilization rate can also be provided.

Green Environmental Protection Technology

Adopts industry-leading LBA foaming agent and advanced process to create an efficient thermal insulation system, and applies R-290/170 hydrocarbon refrigerant, improving thermal insulation performance by 20% while significantly reducing cooling loss.

Snorkel



Automated Rack Retrieving

Snorkel Max



Up to 150,000 Vial Storage

Snorkel Pro



Automated Vial Retrieving

Snorkel Pro Max



Automated Vial Retrieving with Up to 150,000 Vial Storage

Technical Specifications				
	Snorkel	Snorkel Max	Snorkel Pro	Snorkel Pro Max
Model	SAUF-1000/SAF-1000 /SAR-1000	SAUF-1500/SAF-1500 /SAR-1500	AUF-1000/AF-1000 /AR-1000	AUF-1500/AF-1500 /AR-1500
Storage Temperature	-80℃ / -20℃ / 4℃	-80℃ / -20℃ / 4℃	-80℃ / -20℃ / 4℃	-80℃ / -20℃ / 4℃
Automatic Rack Retrieval	Yes	Yes	Yes	Yes
Automatic Vial Retrieval	N/A	N/A	Yes	Yes
Gross Volume	~1,000L	~1,500L	~1,000L	~1,500L
Exterior Dimensions (W*D*H, mm)	1,480*1,400*1,992	1,480*1,802*1,992	1,480*1,570*1,992	1,480*1,972*1,992
Minimum Clearance Requirement (W*H, mm)	1,000*2,000	1,400*2,000	1,000*2,000	1,400*2,000
Storage Capacity (Cryo box, 2mL)	39,000	63,000	39,000	63,000
Storage Capacity (SBS rack, 0.75mL)	≥90,000	≥150,000	≥90,000	≥150,000
Sample Information Management System	Biobank Mode & Research Mode			
Rack Reader	Optional	Optional	Standard	Standard
Recommended Operating Conditions	220V, 50Hz; Standard RJ45 Network Port; Environment Temperature 15℃-28℃ *Products sold in each region comply with the local voltage and frequency requirements.			

* Actual capacity may vary depending on the specifications of the consumables. For further details, please contact your local representative.

Mandatory Accessories (Shelf Selection Table)					
	Maximum Height of Racks/Vials	SAUF-1000/ SAF-1000	SAUF-1500/ SAF-1500	AUF-1000/ AF-1000	AUF-1500/ AF-1500
Cryo Box 133*133mm±1mm	≤378mm	SK-C05-1000	SK-C05-1500	SK-C05-1000	SK-C05-1500
	≤53mm	SK-C20-1000	SK-C20-1500	SK-C20-1000	SK-C20-1500
	≤127mm	SK-C150-1000	SK-C150-1500	N/A	N/A
SBS Rack 127.8*85.5mm±0.5mm	≤23.8mm	SK-S03-1000	SK-S03-1500	SK-S03-1000	SK-S03-1500
	≤37.8mm	SK-S05-1000	SK-S05-1500	SK-S05-1000	SK-S05-1500
	≤58.6mm	SK-S10-1000	SK-S10-1500	SK-S10-1000	SK-S10-1500
	≤49.4mm	SK-S20-1000	SK-S20-1500	SK-S20-1000	SK-S20-1500
	≤95.5mm	SK-S50-1000	SK-S50-1500	SK-S50-1000	SK-S50-1500

Accessories (Apply Only to SAUF/SAF/SAR Series)		
	Embedded Rack Reader	Embedded Low-Temperature Operation Platform
Model	SK-TS	SK-MO

Kiosk

-80°C Automated Biobanking System

Smart Storage, Simplified Solutions

Kiosk employs ultra low-temperature automation technology to facilitate the automated operation and management of the entire sample handling process. This includes sample storage and retrieval, tube picking, defragmentation and temporary storage. Kiosk provides a consistent ultra-low temperature storage environment for biological samples, fully ensuring their quality and safety.





Full Process at -80°C

* For the Kiosk -20, the ambient temperature for the entire operational process is -20°C.

Revolutionary Tube Picking Technology in -80°C



Innovatively applied ultra low-temperature technologies maintained a consistent environment of -80°C throughout the entire sampling process, fully ensuring the integrity of the samples.

From Automation to Intelligence



Integrated various visual assistance technologies to monitor the status of cryotubes and cryoboxes in real-time, ensuring the system's continuous operational capability.



Full-Process Traceability



Automatic Sample Information Verification

An automatic sample information verification system has been implemented to prevent issues such as extraneous tubes, missing tubes, and misplacement from the source of sample storage.



Multi-Level Permission Management

Multi-level permission management, combined with a facial recognition authentication system, ensures a clear sample outflow and comprehensive video monitoring throughout the access process.



Multi-Dimensional Management of Operational Data

System operation logs and alarm information can be exported, downloaded, and archived.

Customized Services, Tailored for You



Adapt to Various Sites Needs

A customized design that is flexible and adaptable to various types of sites.



Comprehensive Service System

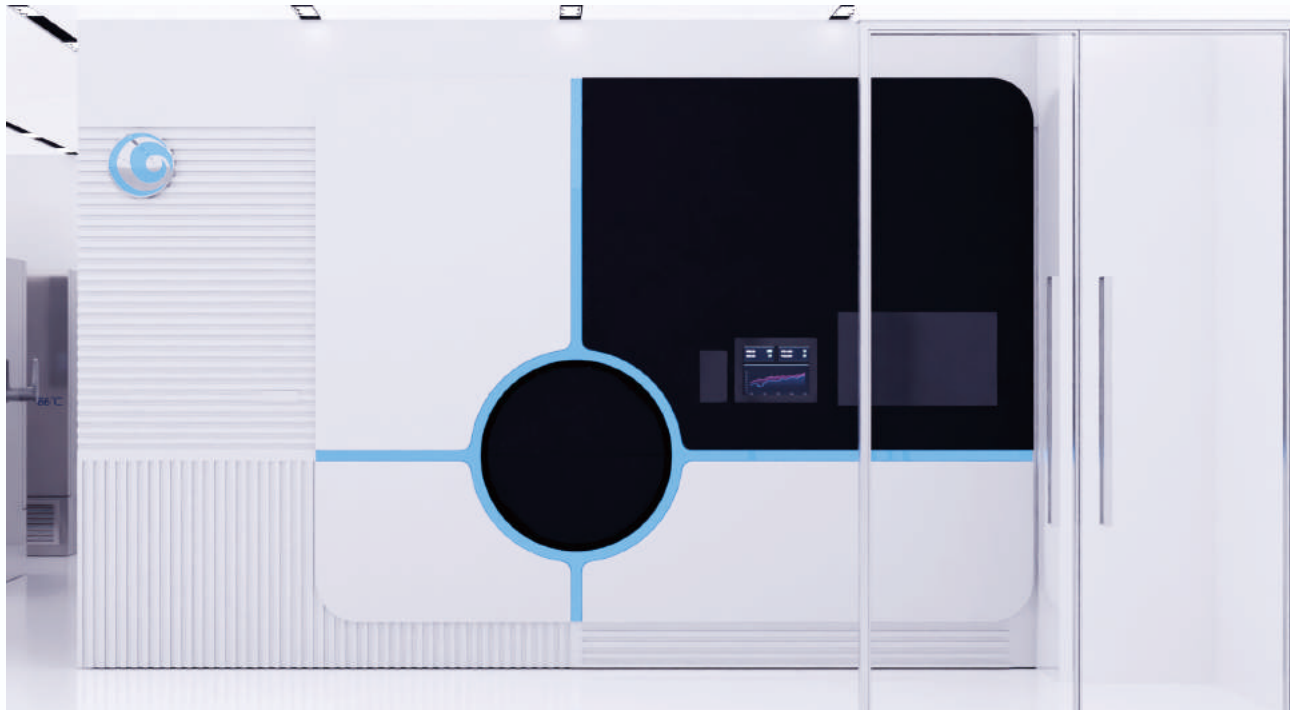
Rapid response and professional expertise in automated biobanking systems.



Compatible with a Variety of Consumables

No restrictions on consumables, and compatible with most consumable brands and specifications.





Boosted Storage Efficiency



High Capacity

The unique design of storage structure significantly increases sample storage density while conserving space.



Smart Access Process

Supports batch appointment sampling and defragmentation functions.

Technical Specifications

Model	Kiosk -80
Cooling System	Dual-compressor system (one standby and one in use) with a backup liquid nitrogen cooling system
Exterior Dimensions *	Width: 4.0 m ~ 7.2 m (157.48 in ~ 283.46 in)
	Depth: 3.0 m ~ 4.4 m (118.11 in ~ 173.23 in)
	Height: 2.6 m ~ 3.3 m (102.36 in ~ 129.92 in)
Storage Format	Standard Cryo Box
	Standard SBS Rack
Storage Capacity	350,000 ~ 2,450,000 (1.0 / 1.4 mL, Cryo Box - 14'14)
	520,000 ~ 3,400,000 (0.5 / 0.75 mL, Cryo Box - 14'14)
	260,000 ~ 1,800,000 (1.0 / 1.4 mL , SBS Rack - 12'8)
	380,000 ~ 2,500,000 (0.5 / 0.75mL, SBS Rack - 12'8)

*Product specifications can be customized based on the user's site layout conditions, and actual capacity may vary depending on the specifications of the consumables. For further details, please contact your local representative.

Crest Series

Intelligent Cryogenic Storage System

Pioneer of Ergonomic Storage System

The Crest series offers intelligent and efficient liquid nitrogen repository specifically engineered for the prolonged storage of biological samples. These systems utilize advanced vacuum and insulation technology to maintain a stable cryogenic environment within the tank, thereby reducing the consumption of liquid nitrogen. Emphasizing ergonomic design and user-friendliness. The Crest series integrates comprehensive software and reliable mechanisms to provide a dependable and efficient solution for all your cryogenic storage needs.



Crest Premium



Crest Classic



Smart Operation, Effortless Mastery

Automatic Rack Turning and Positioning *

The system automatically rotates the target racks to the tank opening position before the lid is opened. This feature allows for easy access to the racks once the lid is open, which helps reduce air convection and minimize fogging.

Adjustable Rack Hoist *

The automatic lifting mechanism enables the retrieval or placement of individual boxes while the rack is suspended within the tank opening. This eliminates the need to fully remove the rack from the tank, minimizing the exposure time of innocent samples.

Racks Separator Design

Specially designed rack separators facilitate quicker and easier storage by promoting a more organized arrangement of racks, ensuring their stability.

Automatic Lid Opening *

Integrated with the software, the automated lid opening module not only reduces manual effort but also ensures that only authorized personnel can access the samples.

LN₂-Free Defogging

The Crest series is equipped with a vacuum-based airflow system, which enables efficient defogging without the need for real-time liquid nitrogen supply when retrieving samples.

* Applicable for the Premium models.

Secure Storage, Uncompromised Integrity



Uniform Temperature Field

The small opening design minimizes the temperature gradient, keeping the top rack temperature as low as -190°C .



Real-Time Monitoring and Alerts

The system continuously monitors the sample environment and liquid nitrogen volume using a temperature probe and liquid level detector. It features various alarms for temperature, liquid level, time limits, and more.



Extended Static Holding Time

A low boil-off rate ensures extended static holding time at cryogenic temperatures, even after the liquid nitrogen supply is removed.



Smart Management, Intuitive Control



Hierarchical Management System

The platform supports personalized parameter settings and alarm management, and features a hierarchical authority system for data management and sample operations.



Real-Time Information Management

The system features a 12-inch color touch screen control panel that displays real-time temperature, liquid level, daily liquid nitrogen consumption, and alarm information.



LIMS Integration

The software is designed for seamless integration with LIMS, enabling functionalities such as sample access instructions, task status indicators, and more.

Technical Specifications					
	Crest 400P	Crest 940P	Crest 200C	Crest 400C	Crest 940C
Model	CF400-LHC	CF940-LHC	CF200M	CF400M	CF940M
Overall Height	2,680 mm (8 ft, 9 in)	2,870 mm (9 ft, 5in) *	1,890 mm (6 ft, 2 in)	1,950 mm (6 ft, 4 in)	2,020 mm (6 ft, 7 in)
Exterior Diameter	1,160 mm (3 ft, 9 in)	1,530 mm (5 ft)	880 mm (2 ft, 10 in)	1,160 mm (3 ft, 9 in)	1,530 mm (5 ft)
Usable Height	800 mm (2 ft, 7 in)	940 mm (3 ft, 1 in)	800 mm (2 ft, 7 in)	800 mm (2 ft, 7 in)	940 mm (3 ft, 1 in)
Neck Diameter	460 mm (1 ft, 6 in)	619 mm (2 ft)	330 mm (1 ft)	460 mm (1 ft, 6 in)	619 mm (2 ft)
Neck Height	1,520 mm (4 ft, 12 in)	1,587 mm (5 ft, 6 in)	1,425 mm (4 ft, 8 in)	1,520 mm (4 ft, 12 in)	1,587 mm (5 ft, 2 in)
Gross Volume	880 L	1,835 L	430 L	880 L	1,835 L
Empty Weight	1,389 lbs. (630 kg)	2,205 lbs. (1,000 kg)	904 lbs. (410 kg)	1,279 lbs. (580 kg)	2,028 lbs. (920 kg)

* For height-constrained installations, specify the HFF-938 lifting mechanism.

Installation Information					
Minimum Installation Height (without Lifting Mechanism)	/	/	2,174 mm (7 ft, 2 in)	2,265 mm (7 ft, 5 in)	2,332 mm (7 ft, 8 in)
Minimum Installation Height (with Lifting Mechanism)	2,780 mm (9 ft, 1 in)	2,870 mm (9 ft, 5in)	2,690 mm (8 ft, 10 in)	2,780 mm (9 ft, 1 in)	2,870 mm (9 ft, 5in)
Volume of LN ₂ Under Tray	140 L	320 L	60 L	140 L	320 L
Static Evaporation Rate	12 L/day	17 L/day	7 L/day	9 L/day	14 L/day
LN ₂ Supply Pressure	≤ 22 psi				
LN ₂ Port	CGA295 external cone nut union				
Lifting Load	33 lbs. (15 kg)				
Recommended Operating Conditions	220 V, 50 Hz, 10 A, Temperature: 18 ~ 28°C, Humidity < 60 % *Products sold in each region comply with the local voltage and frequency requirements.				

Storage Capacity					
2 mL (Cryo Box)	41,600	99,200	19,500	41,600	99,200
2 mL (SBS Rack)	36,288	70,656	16,128	36,288	70,656
25 mL Blood Bag (7 Layers)	3,552	6,894	1,680	3,552	6,894
50 mL Blood Bag (7 Layers)	2,176	4,338	1,056	2,176	4,338
250 mL Blood Bag (5 Layers)	1,060	2,274	470	1,060	2,274
500 mL Blood Bag (5 Layers)	590	1,386	290	590	1,386

Accessories		
	Type	Applicable Models
HFF-948	Lifting Mechanism	CF400-LHC, CF400M
HFF-1038	Lifting Mechanism	CF940-LHC, CF940M
HFF-200	Lifting Mechanism	CF200M

Samplock

Ultra-Low Temperature Freezer

Beyond Great

Samplock is a -80°C freezer that excels in cooling, insulation, and safety. It provides intelligent assistance to optimize workflows for sample storage, retrieval, and information management. With features such as tube position navigation, electronic note-taking, and light prompts, Samplock ensures a convenient, comfortable, and reliable working experience.



High Capacity, Big Savings

The ingeniously designed cabin structure maximizes internal space utilization, allowing for maximum capacity with less space and greater savings.

With the same footprint, Samplock offers an increased capacity of at least 5%, making it the most economical choice.

73,500

Up to 73,500 vials (2mL)

1.2 m²

Projected area

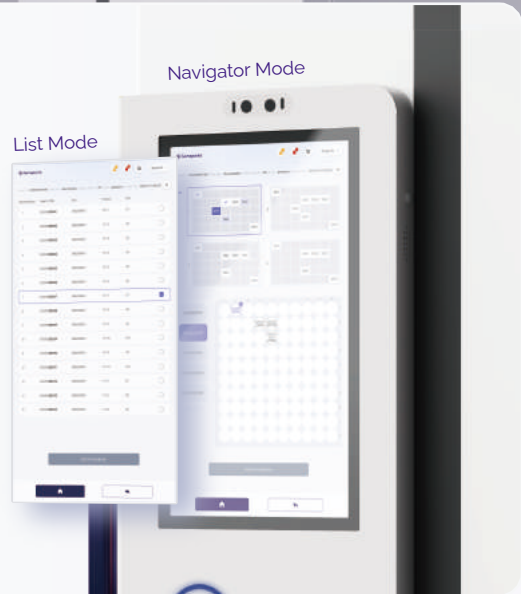




Dual Modes – Quick Search, Faster Checks

Navigator Mode The system features a hierarchical structure of layers - racks - drawers - boxes - tubes, providing a tube position navigation function that helps you easily locate target samples.

List Mode With the code reader, you can enjoy an automated order confirmation experience that speeds up the operation process and minimizes the time samples are exposed to room temperature.



Live Notifications – See at a Glance

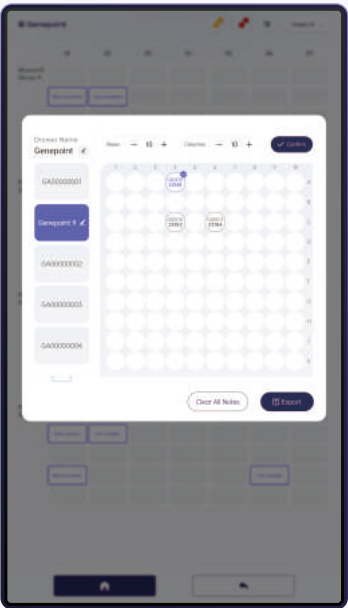
SmartHalo Monitoring System displays the real-time operating status and current temperature of the freezer. It can maintain temperature display for at least 36 hours in case of a power outage.

When managing multiple freezers, it is important to specify the target freezers. Samplock's ring breathing light display indicates the order status, making it easier for you to locate the equipment.



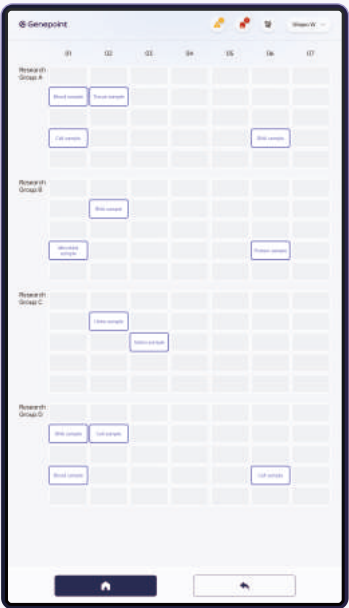
All Layered Info – All in One View

Samplock's electronic notes transform traditional methods of recording sample information. Its hierarchical navigation feature allows users to quickly and easily locate sample details at a glance.



Box and tube information pop-ups help you record all sample data.

Electronic notes can be imported or exported via USB, allowing convenient access and data transfer between different storage equipment at any time.



Layer and drawer information are displayed on a single page, allowing for quicker location of target samples.

Technical Specifications			
	Samplock 600	Samplock 855	Samplock 993
Model	GUF-86U420S	GUF-86U630S	GUF-86U735S
Net Internal Volume	600 L	855 L	993 L
Temperature Range	-40°C to -80°C		
User Interface	15.6" Capacitive Touchscreen		
Recommended Operating Conditions	220 V / 50 Hz *Regional models comply with local voltage / frequency standards.		
Width	885 mm (2 ft, 11 in)	1,145 mm (3 ft, 9 in)	1,285 mm (4 ft, 3 in)
Depth	990 mm (3 ft, 3 in)	990 mm (3 ft, 3 in)	990 mm (3 ft, 3 in)
Height	1,993 mm (6 ft, 6 in)	1,993 mm (6 ft, 6 in)	1,993 mm (6 ft, 6 in)
2mL Tube Capacity	42,000	63,000	73,500

Accessories	
NFC Module	Control and account login through NFC card swiping, which comes with 5 cards as standard
Facial Recognition Module	Control and account login through face recognition
Fingerprint Recognition Module	Control and account login through fingerprint recognition
Dense Storage Shelves	Stainless steel; Support for SBS racks or cryo boxes
Single Tube Reader	Recognize individual 1D or 2D codes with a USB connection

Sinfo Series

Labware and Automated Solutions

Making the Difference

The Sinfo series includes 2D cryotubes, cryoboxes, and complementary automation equipment. The Sinfo series features innovative designs and technologies that streamline the entire cryopreservation process. From scanning tube codes to decapping and printing on tubes, these advancements ensure more efficient use.



Sinfo 2D Cryotubes

Sinfo cryotubes offer an excellent volume-to-height ratio and outstanding sealing performance. Designed to support both manual and automated operations, these products cater to diverse application scenarios.

Distinctive Configuration

The external screw cap provides a larger working volume while maintaining the same height. The distinctive internal cap structure significantly enhances sealing performance, while the O-Track design improves stability for automated operations.



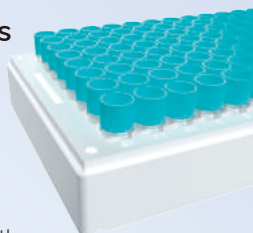
Medical-Grade Materials

The cryotubes and caps are made from medical-grade materials.



Compatible with Automation Systems

These cryotubes are perfectly compatible with automation systems, allowing for scanning, decapping, capping, and printing on tubes.



Strict Production Processes

The co-molded manufacturing process is conducted in high-level cleanroom conditions. The DM code quality meets Class A standards.





High-Density SBS Rack

This independently designed 9 x 14 high-density storage solution meets SBS standards and is suitable for 0.5mL and 1mL cryotubes, significantly increasing storage capacity.



Specification and Order Information of Sinfo Labware										
Model	GP-TD 9V05-BP	GP-TD 9V05-SC	GP-TD 9V05-SCHD	GP-TD 13V07-BP	GP-TD 13V07-SC	GP-TD 9V10-BP	GP-TD 9V10-SC	GP-TD 9V10-SCHD	GP-TD 13V20-BP	GP-TD 13V20-SC
Description	 0.5mL 2D barcode cryotubes			 0.7mL 2D barcode cryotubes		 1.0mL 2D barcode cryotubes			 2.0mL 2D barcode cryotubes	
Specification	Bulk packaging	96 SBS rack	126 SBS rack	Bulk packaging	48 SBS rack	Bulk packaging	96 SBS rack	126 SBS rack	Bulk packaging	48 SBS rack
Working Volume	0.5 mL	0.5 mL	0.5 mL	0.65 mL	0.65 mL	1.0 mL	1.0 mL	1.0 mL	2.0 mL	2.0 mL
Outer Diameter	9 mm	9 mm	9 mm	13 mm	13 mm	9 mm	9 mm	9 mm	13 mm	13 mm
Tube Height with Screw Cap	30.4 mm	30.4 mm	30.4 mm	19.8 mm	19.8 mm	50.4 mm	50.4 mm	50.4 mm	43.5 mm	43.5 mm
Tube Height in Rack	/	30.6 mm	32.4 mm	/	20.6 mm	/	50.6 mm	52 mm	/	44 mm
Overall Rack Height	/	33.1 mm	/	/	23.4 mm	/	53 mm	/	/	46.5 mm
SAL (Sterility Assurance Level)	10 ⁻³	10 ⁻³	10 ⁻³	10 ⁻³	10 ⁻³	10 ⁻³	10 ⁻³	10 ⁻³	10 ⁻⁵	10 ⁻⁵
Packing Info	200 pcs/bag 5 bags/box 4 boxes/case	96 pcs/rack 10 racks/box 4 boxes/case	126 pcs/rack 10 racks/box 4 boxes/case	100 pcs/bag 5 bags/box 4 boxes/case	48 pcs/rack 10 racks/box 4 boxes/case	200 pcs/bag 5 bags/box 4 boxes/case	96 pcs/rack 10 racks/box 4 boxes/case	126 pcs/rack 10 racks/box 4 boxes/case	100 pcs/bag 5 bags/box 4 boxes/case	48 pcs/rack 10 racks/box 4 boxes/case

Presto

Tube Reader Series

The Presto tube reader series includes both a rack reader and a single tube reader. Using a camera to capture images, the decoding process is quick and precise. The rack reader can simultaneously read both rack codes and tube codes, greatly improving operational efficiency. Additionally, it offers excellent adaptability and is compatible with SBS racks, cryo boxes, and various formats of DM codes.





Compatible with Various DM Codes

The reader requires no additional settings and is automatically compatible with DM barcodes on both white and black backgrounds.



Suitable for Multiple Racks

The reader is compatible with cryo boxes, SBS racks, and can also read single tubes.



Customizable Decoding Templates

Decoding templates are customizable and can adapt to various configurations.



Flexible File Output

Exported files can have customizable headers, export formats, and tube position orders, making them adaptable to various computer systems.

Single Tube Reader



This flexible device can recognize individual DM codes or 1D barcodes. It has a built-in display screen for showing the read information, making operation easy.

Specification of Presto

	Rack Reader	Single Tube Reader
Model	GP-TSHT-01	GP-TSS-01
Width	168 mm (6.6 in)	90 mm (3.5 in)
Depth	202 mm (8.0 in)	100 mm (3.9 in)
Height	249 mm (9.8 in)	55 mm (2.2 in)
Decoding Time	≤ 3s	< 1s
Connection	USB	USB
Tube / Rack Compatibility	Read all 2D DM codes 1D tube and rack barcodes	

Rondo

Decapper Series

The Rondo Decapper series includes a rack decapper and 9-channel/6-channel decappers. These decappers offer excellent adaptability and work seamlessly with both standard and high-density SBS racks without the need for additional adapters.



Easy to Operate

The transparent outer shell of the opening part allows for easy observation of the machine's condition. The screen angle is ergonomically designed for easier operation.



High Adaptability

This system is compatible with Sinfo Series 96 and 126 SBS racks.



LIMS Integration

The system can be integrated with automation processes through the LIMS system and can be connected to mechanical grippers.

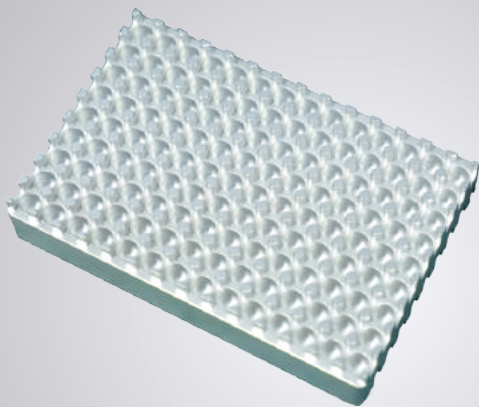


9-Channel/6-Channel Decapper

Compatible with both standard and high-density SBS racks, Rondo 9-Channel/6-Channel decapper is available in all formats for all models of Sinfo cryotubes.



Accessories



Cap Holder

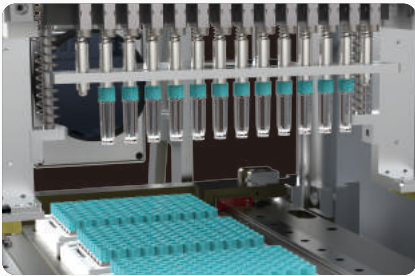
Caps can be removed in batches and placed onto the cap holder, which increases operational throughput and improves efficiency.

Specification of Rondo						
	Rack Decapper	Rack Decapper	Rack Decapper	Rack Decapper	9-Channel Decapper	6-Channel Decapper
Model	GP-TDC-SCHD	GP-TDC-SC96-C	GP-TDC-SC96-A	GP-TDC-SC48	GP-TDC-9A	GP-TDC-6A
Width	230 mm (9 in)	230 mm (9 in)	230 mm (9 in)	230 mm (9 in)	100 mm (4 in)	100 mm (4 in)
Depth	440 mm (1 ft, 3 in)	440 mm (1 ft, 3 in)	440 mm (1 ft, 3 in)	440 mm (1 ft, 3 in)	265 mm (10 in)	265 mm (10 in)
Height	440 mm (1 ft, 5 in)	440 mm (1 ft, 5 in)	440 mm (1 ft, 5 in)	440 mm (1 ft, 5 in)	40 mm (1.5 in)	40 mm (1.5 in)
Supported Tubes	Sinfo 2D cryotubes (0.5mL,1mL)	Corning 2D cryotubes (0.5mL,1mL)	FluidX 2D cryotubes (0.5mL, 1mL)	Sinfo 2D cryotubes (2mL)	Sinfo 2D cryotubes (0.5mL, 1mL)	Sinfo 2D cryotubes (0.7mL, 2mL)
Supported Rack Types	8'12, 9'14	8'12	8'12	6'8	8'12, 9'14	6'8

Echo

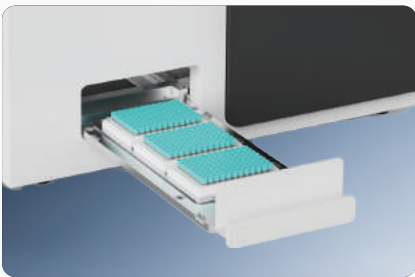
Automatic Tube Printer

Echo can automatically print the desired information on the exterior of Sinfo cryotubes. The print is resistant to scratches, alcohol, and liquid nitrogen. This solution addresses the inefficiencies of traditional labeling and the challenges of using labeled tubes in automated scenarios.



High Throughput and Boost Efficiency

- ✓ Automatic tubes picking, printing, and accurately returns without manual intervention
- ✓ Batch processing simultaneously prints 8 to 14 tubes per cycle
- ✓ Printing up to 392 cryotubes per batch, optimized for high-throughput scenarios



Seamless and Closed-Loop Management

- ✓ The built-in automatic rack reader ensures rapid and accurate linkage of sample information and sample ID
- ✓ Printings withstand LN₂, alcohol and mechanical abrasion
- ✓ Supports versatile printing operations, including multi-font and multi-language text, numbers, and 1D barcodes



No Labels or Ink Required and User-Friendly

- ✓ The optional rotary module doubles the effective printing area
- ✓ Operates independently without requiring an external PC
- ✓ No labels or ink are required, significantly reducing operational costs

Specification of Echo	
	Automatic Laser Tube Printer
Model	GP-TJHT-02
Dimensions (W*D*H, mm)	720 *646 * 785
Printing Throughput	3 SBS racks or 2 cryoboxes
Printing Stability	Printings resist liquid nitrogen, alcohol & water wiping, and scratching
Supported Tubes & Racks	All Sinfo cryotubes & racks

Accessories	
Model	GP-TJHT-02SP
Rotary Laser Printing Module	Double-sided printing on cryotubes, doubling the printing area



Official Website



Linkedin

For more information, please visit www.genepoint.com or email us at info@genepoint.cn.

The product is only for industrial or scientific research purposes, not for medical use.

It must not be used directly or indirectly for clinical diagnosis or other unauthorized clinical medical purposes.