Genepoint

Samplock

Ultra-Low Temperature Freezer

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Beyond Great

Building on the consistent high quality of Genepoint, 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 as position navigation, electronic note-taking, and light prompts, Samplock ensures a convenient, comfortable, and reliable working experience.

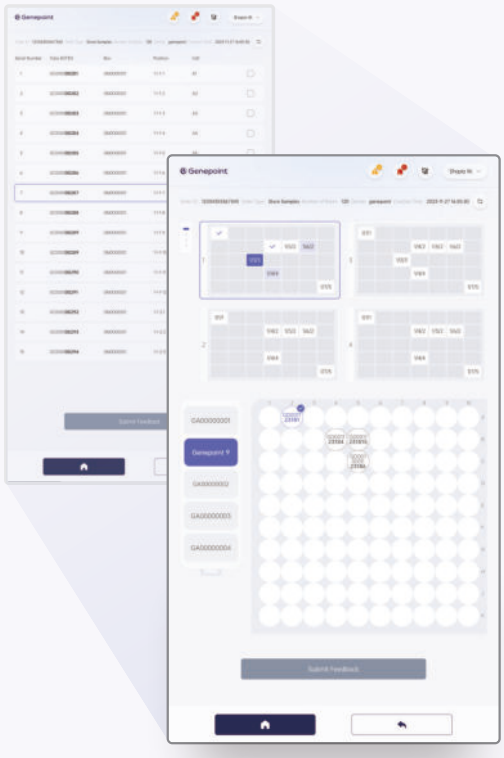
More Storage Capacity

The ingeniously designed cabin structure maximizes internal space utilization.

With the same footprint, Samplock offers increased capacity of ≥5%, making it a more economical choice.

73,500
Up to 73,500 vials (2mL)

1.2m^2
Projected area



More Convenient

Dual-mode display offers better adaptation: Navigation mode is clearer; list mode is similar to a datasheet.

Elaborately designed hierarchical structure, with layers, racks, drawers, boxes, and tubes, the progressively expanding tube position navigation helps you easily locate the target sample.

By simply clicking twice or scanning the code, you can complete the order confirmation, making the storage and retrieval process faster, and reducing the exposure time of samples at room temperature.

More Informative

The LED displays the real-time operating status and current temperature of the freezer. It can maintain temperature display for at least 40 hours in case of a power outage.

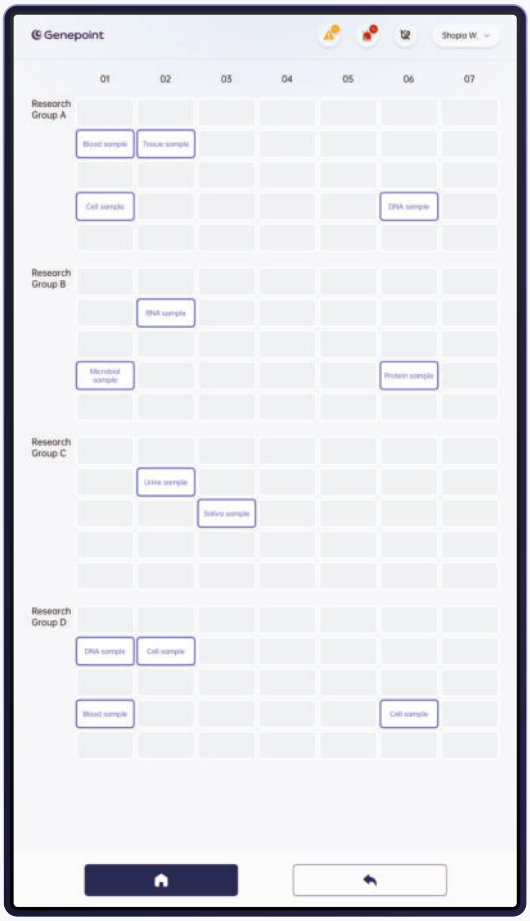
The LED display supports indicating the order status, making it easier for you to locate the target device when managing multiple devices.

More Records

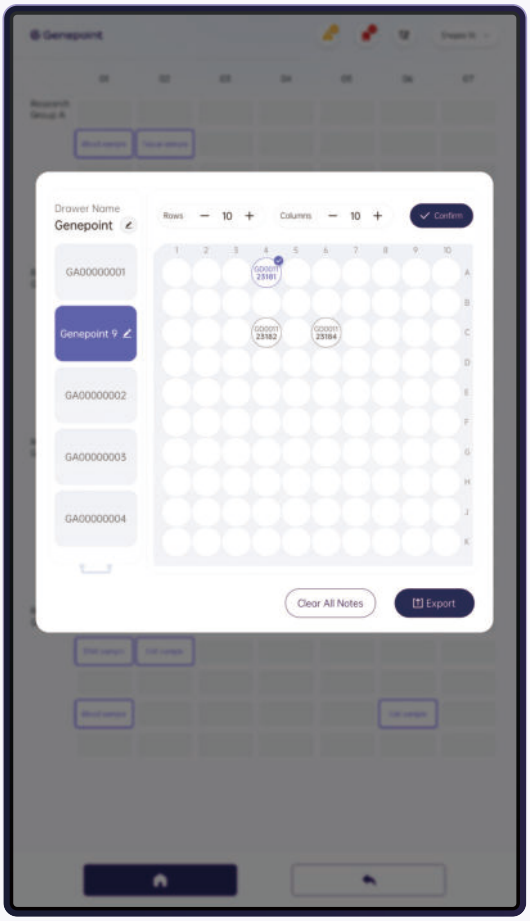
Equipped with electronic notes designed specifically for laboratories and paired with hierarchical navigation, sample information is clear at a glance.

Electronic notes can be imported or exported via a USB, providing convenient access or data transfer to different storage devices at any time.

Pairing with a wireless Bluetooth keyboard makes data input more convenient.



Layer and drawer information is displayed on the homepage, making it faster to locate personal samples.



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

Specifications				
	Model	**GUF-86U 420S**	**GUF-86U 630S**	**GUF-86U 735S**
Technical Data	Cabinet Type	Upright	Upright	Upright
	Climate Class	N	N	N
	Cooling Type	Direct cooling	Direct cooling	Direct cooling
	Defrost Mode	Manual	Manual	Manual
	Refrigerant	HC	HC	HC
	Cooling Time (h)	≤8	≤8	≤8
	Temperature Uniformity (℃)	≤5	≤5	≤5
	"Warm up Time: 25℃ Environment, -80℃~-50℃(min)"	≥250	≥300	≥330
	Power Consumption (kWh/24h)	≤14	≤14	≤14
	Sound Level (dB(A))	≤50	≤50	≤50
Performance	Cooling Performance (℃)	-86	-86	-86
	Temperature Range (℃)	-40~-86	-40~-86	-40~-86
Control	Controller	Microprocessor	Microprocessor	Microprocessor
	Display	LED	LED	LED
Electrical Data	Power Supply (V/Hz)	220~240/50	220~240/50	220~240/50
	Electrical Current (A)	8.5	8.5	10.0
Construction	Capacity (L/Cu.Ft)	580/20.5	830/29.3	960/33.9
	"Interior Dimension (W*D*H)"	620*730*1341 mm (24.4*28.7*52.8 in.)	880*730*1341 mm (34.6*28.7*52.8 in.)	1020*730*1341mm (40.2*28.7*52.8 in.)
	"Exterior Dimension (W*D*H)"	885*990*1990 mm (34.8*39.0*78.3 in.)	1145*990*1990 mm (45.1*39.0*78.3 in.)	1285*990*1990 mm (50.6*39.0*78.3 in.)
	High/Low Temperature	Yes	Yes	Yes
	Hot Condenser	Yes	Yes	Yes
Alarms	Power Failure	Yes	Yes	Yes
	Sensor Error	Yes	Yes	Yes
	Low Battery	Yes	Yes	Yes
	High Ambient Temperature	Yes	Yes	Yes
	Door Ajar	Yes	Yes	Yes
	Caster	Yes	Yes	Yes
	Foot	Yes	Yes	Yes
Accessoies	Shelves/Inner Doors	3/4	3/4	3/4
	USB Interface	Yes	Yes	Yes
	Remote Alarm (Dry Contacts)	Yes	Yes	Yes
	5V Power Supply Port	Yes	Yes	Yes
	Temperature Recorder	Optional	Optional	Optional
	RS232/485 Port	Optional	Optional	Optional

EEA Countries and Switzerland

CE **For laboratory use**
Applicable Countries: EEA Countries and Switzerland

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.