

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.

Genepoint

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.

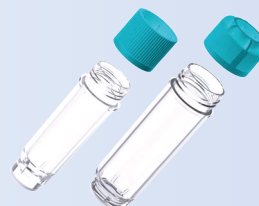
Distinctive Configuration

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.



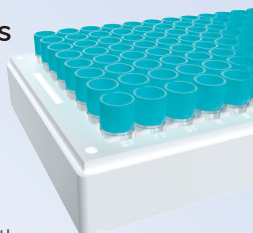
Medical-Grade Materials

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



Compatible with Automation Systems

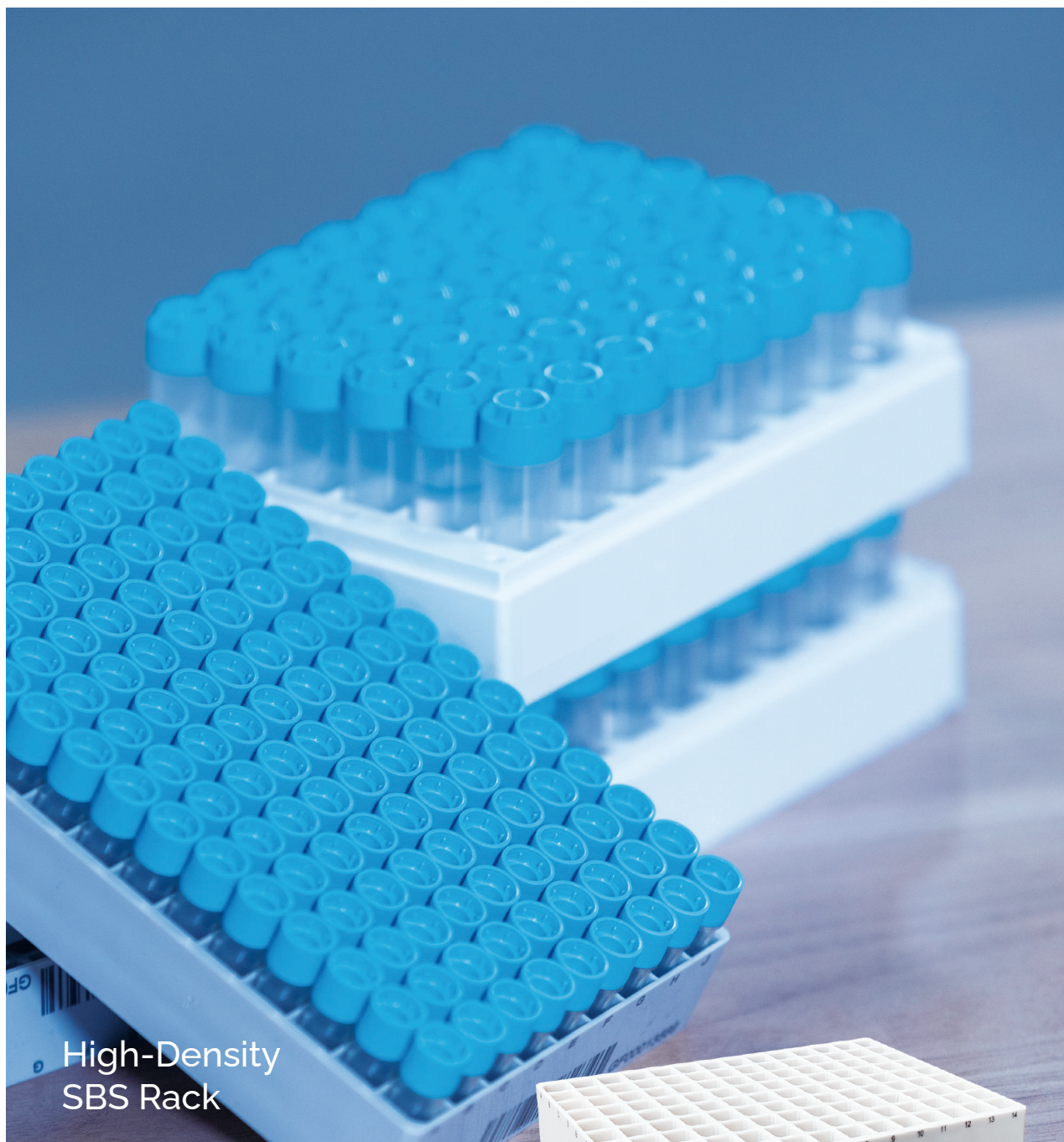
These cryotubes are perfectly compatible with automation systems, allowing for scanning, decapping, capping, and printing on tubes.



Strict Production Processes

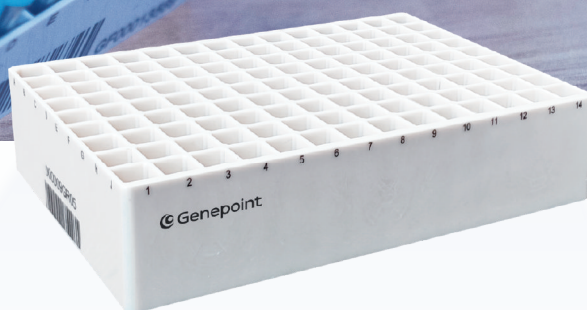
The co-molded manufacturing process is conducted in high-level cleanroom conditions. The DM code quality meets Class A standards.





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.



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.



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.



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.

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.



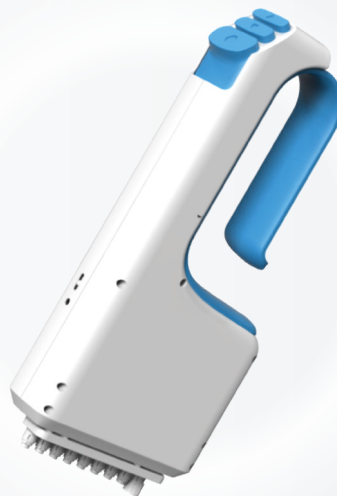
LIMS Integration

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

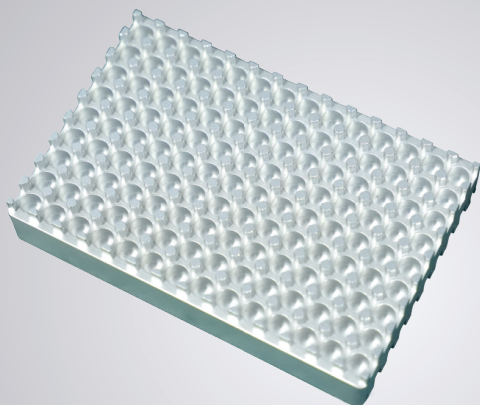


9-Channel/6-Channel Decapper

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 cyrotubes.



Accessories



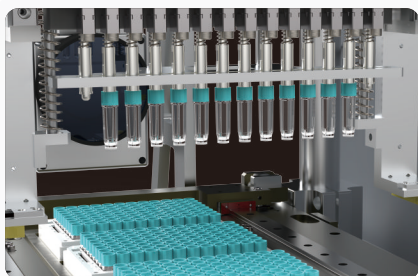
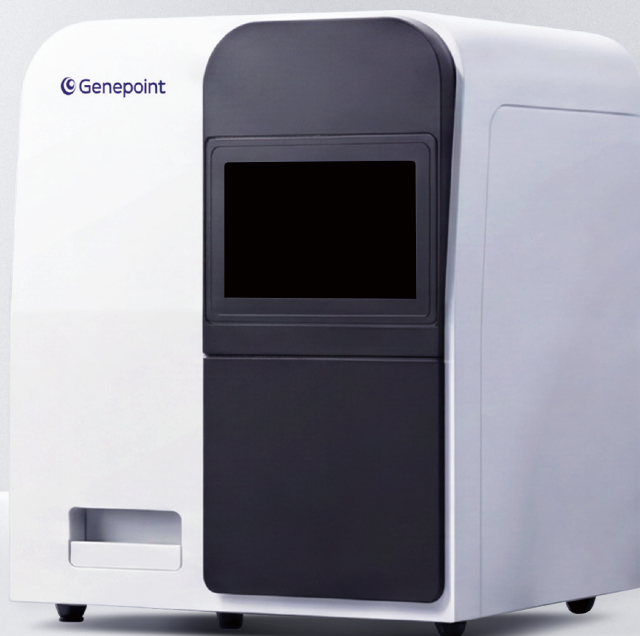
Cap Holder

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

Echo

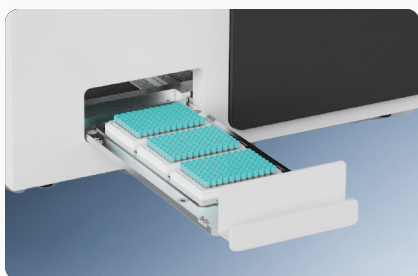
Automatic Tube Printer

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 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

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

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)
Decode Time	≤ 3s	< 1s
Connection	USB	USB
Tube / Rack Compatibility	Read all 2D DM codes 1D tube and rack barcodes	

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