

Performance Parameters

Pipette	Pipetting range	1 μ L-1000 μ L
	Pipetting CV	1 μ L: CV<8 %
		200 μ L: CV<1 %
		1000 μ L: CV<1 %
	Pipetting accuracy	1 μ L: accuracy< \pm 10 %
		200 μ L: accuracy< \pm 2 %
		1000 μ L: accuracy< \pm 1 %
Robotic arm	Positioning accuracy: \pm 0.1 mm	

Hardware Parameters

UV disinfection system	The dose of irradiation is higher 100,000 μ W.s/cm ²	
Size	W: 1410 mm, H: 799 mm, D: 970 mm (without HEPA module)	
Net weight	Approximately 220 kg (485lb, without carries)	
Power requirements	Voltage	200-240 V, 50/60 Hz
	Rated power consumption	1500 VA (not including modules on operation deck and optional modules)
Working environment	Relative humidity	20 %RH-80 %RH, No condensation
	Air pressure range	80-106 kPa

SP-Smart 8

Your Independent 8-channel Pipetting Robot



MGI Tech Co., Ltd.

Building 11, Beishan Industrial Zone, Yantian District, Shenzhen, CHINA 518083

(+86) 4000-688-114

global-mgitech.com

MGI-service@mgi-tech.com



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Why Choose SP-Smart 8 Automated sample preparation system



SP-Smart 8

Flexible Pipetting Robot For Lab Automation



- **Flexible pipetting**

SP-Smart 8 is a professional automated pipetting robot, equipped with an **independent 8 pipetting channel**. The **pipetting volume range** is from **1 μ L to 1000 μ L**, It's pipetting distance, volume and height are independently adjustable, which allow various flexible pipetting routines, greatly improving automated sample transfer, plate setup, and assay processes.

- **Easy and Efficient**

SP-Smart 8 has a **graphic workflow** design software, which includes **abundant functional commands** and supports **defined template** for easy and efficient process design. In addition, SP-Smart 8 supports **user-defined consumable parameters** and **Liquid parameters** for different scenarios.

- **Modular design**

SP-Smart 8 adopts the **modular design** concept of plug-and-play, which can provide **abundant selections of function modules and carriers**, so it can be flexibly adapted to different application.

Flexible Pipetting

Independent 8-channel pipetting



- SP-Smart 8 has **eight independent pipetting channels**. Its pipetting based on **air displacement**, which ensures stability, accuracy and avoids cross-contamination.
- The **dynamic pipetting range** of SP-Smart 8 is **1-1000 μ L** that enables flexible pipetting. The channels also feature **dual liquid level detection**.

Dual Liquid Level Detection

- Capacitive Liquid Level Detection:** Conductive liquid level can be detected quickly, with conductive tips, based on the instant capacitance change.
- Pneumatic Clot Detection:** Intelligent identification of clots and blockages in tips based on internal air pressure monitoring.

Triple Flexible Pipetting

- Unequal Volume Pipetting:** Each channel pipette allows for unequal volume pipetting from 1-1000 μ L volume.
- Unequal Height Pipetting:** The pipette height of each channel can be adjusted intelligently.
- Unequal Distance Pipetting:** Unequal independent spreading channels from 9mm-480mm allows for cross-tube and cross-plate pipetting.

Performance Parameter

Pipetting Range	Pipetting Volume	Pipetting CV	Pipetting Accuracy
1 μ L-1000 μ L	1 μ L	<8 %	< \pm 10 %
	200 μ L	<1 %	< \pm 2 %
	1000 μ L	<1 %	< \pm 1 %

Plus⁺: Advanced Pipetting Freedom

- Intelligent Liquid Level Tracking**

The tip depth under the liquid surface can be adjusted intelligently, which will avoid the tip hanging fluid.



Easy and Efficient

Graphical workflow design

Easier graphical interface

► Powerful process editing software

- SP-Smart 8 software adopts a graphical interface with [intelligent guidelines](#) and contains [9 functional instructions](#) and [35 modular commands](#).
- SP-Smart 8 adopts [drag-and-drop process editing](#), which enables users to create all types of experimental workflows flexibly.

► Easy and efficient process creating

- SP-Smart 8 provides [verified templates](#) to help simplify workflow creation. In addition, SP-Smart 8 also supports [users defining their own processes templates](#) based on their requirement.

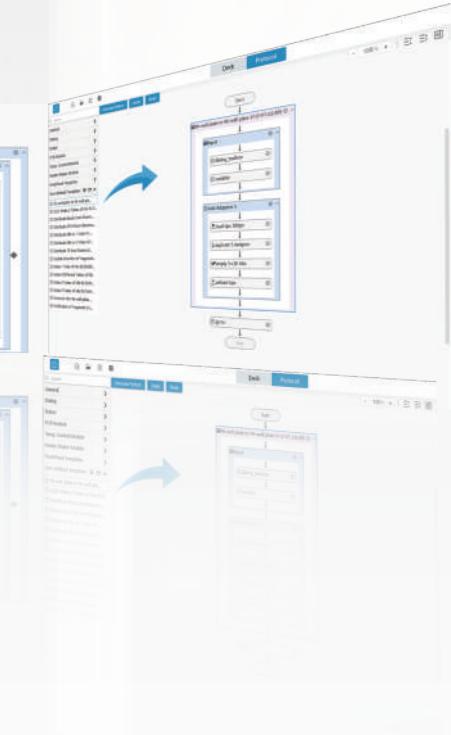
graphical deck layout



Drag-and-drop workflow design



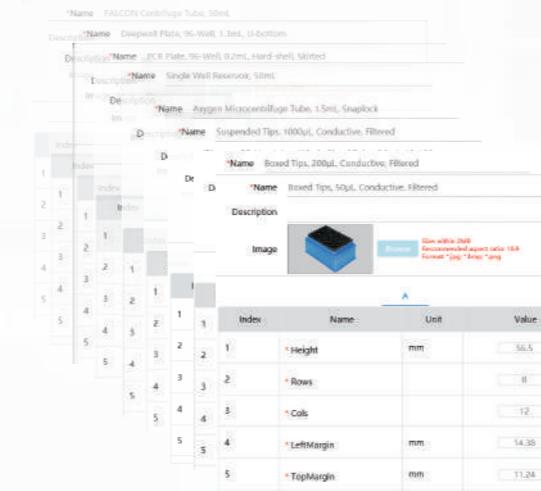
Modular process templates



Open parameter setting

► Consumables parameters

- SP-Smart 8 is compatible with [various common consumables](#). In addition, SP-Smart 8 also supports [users to add third-party consumables](#) based on their requirement.



► Liquidclass parameters

- The SP-Smart 8 has [many common liquidclass parameters](#) to ensure pipetting accuracy, also, SP-Smart 8 supports [users to add new liquids](#) for abundant pipetting applications.



Modular design

Modular carriers and multiple configurations

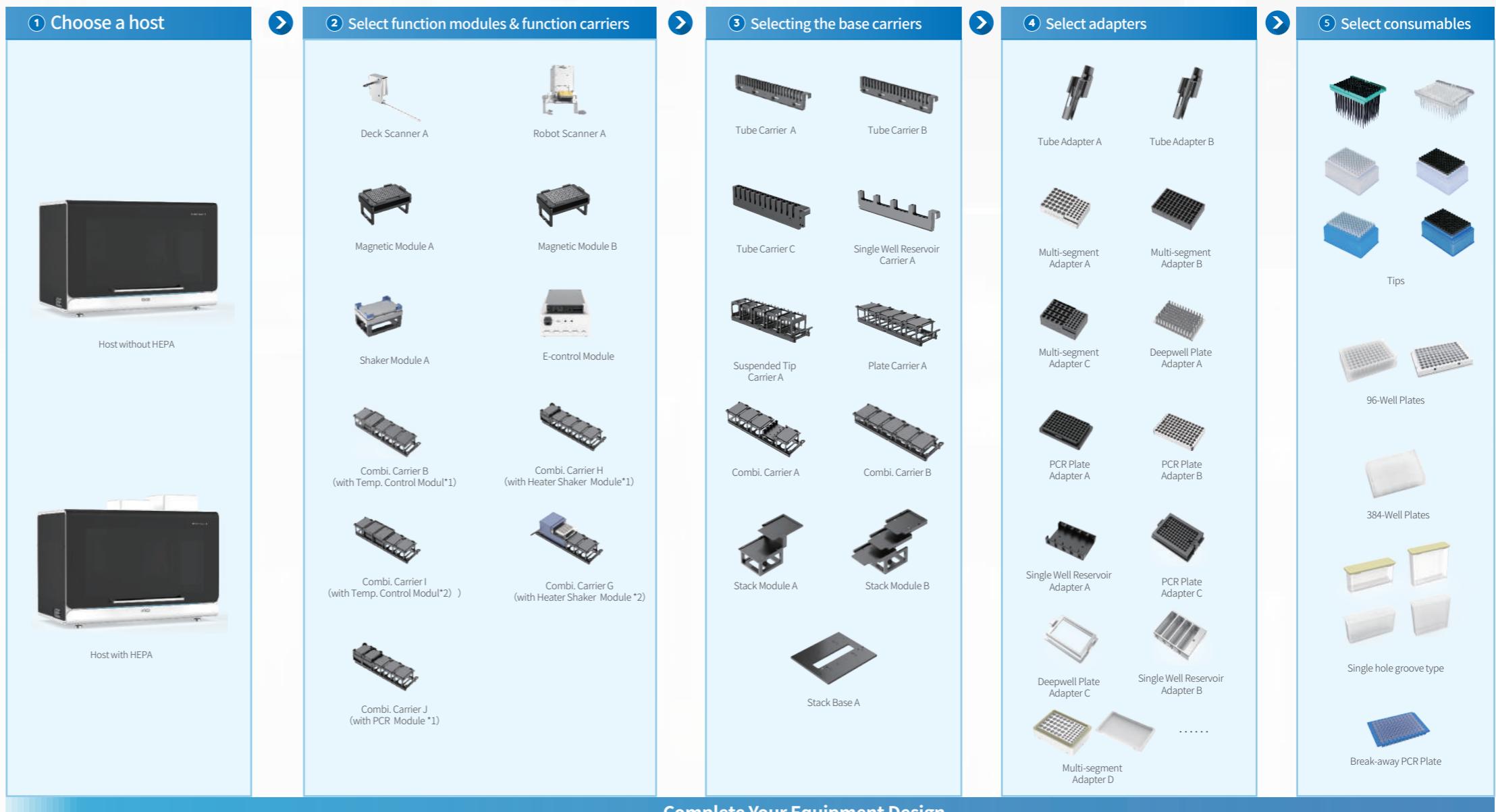
Modular design provides greater flexibility and expandability

► Modular system design

- The modular design allows to quickly and easily combine, replace or rearrange functional modules & carriers & adapters, flexibly serving different application scenarios.

► Multiple functional modules

- The SP-Smart 8 includes abundant functional modules to realize the transition from a simple pipetting platform to an automated workstation adapted to different applications.



*Please confirm the application, compatible kits and throughput before starting to design your SP-Smart 8.

How to Choose

SP-Smart 8

Config.1 **Cherry Picking Workstation**

Config.2 **Sample Transfer & Reaction Preparation Workstation**

Config.3 **Nucleic Acid Extraction Workstation**

Config.4 **Library Preparation Workstation**

3



▷ **Config.1 Cherry Picking Workstation**

- It is suitable for various consumables, realizing [flexible pipetting](#).



▷ **Config.2 Sample Transfer & Reaction Preparation Workstation**

- It realizes [sample and reagent dispensing](#) and [reaction preparing](#), etc., with the Temp. Control Module.



▷ **Config.3 Nucleic Acid Extraction Workstation**

- It can fully automate the workflows including [sample dispensing](#) / [nucleic acid extraction/reaction setup/normalization](#).
- It reduces aerosol contamination with dual HEPA system.



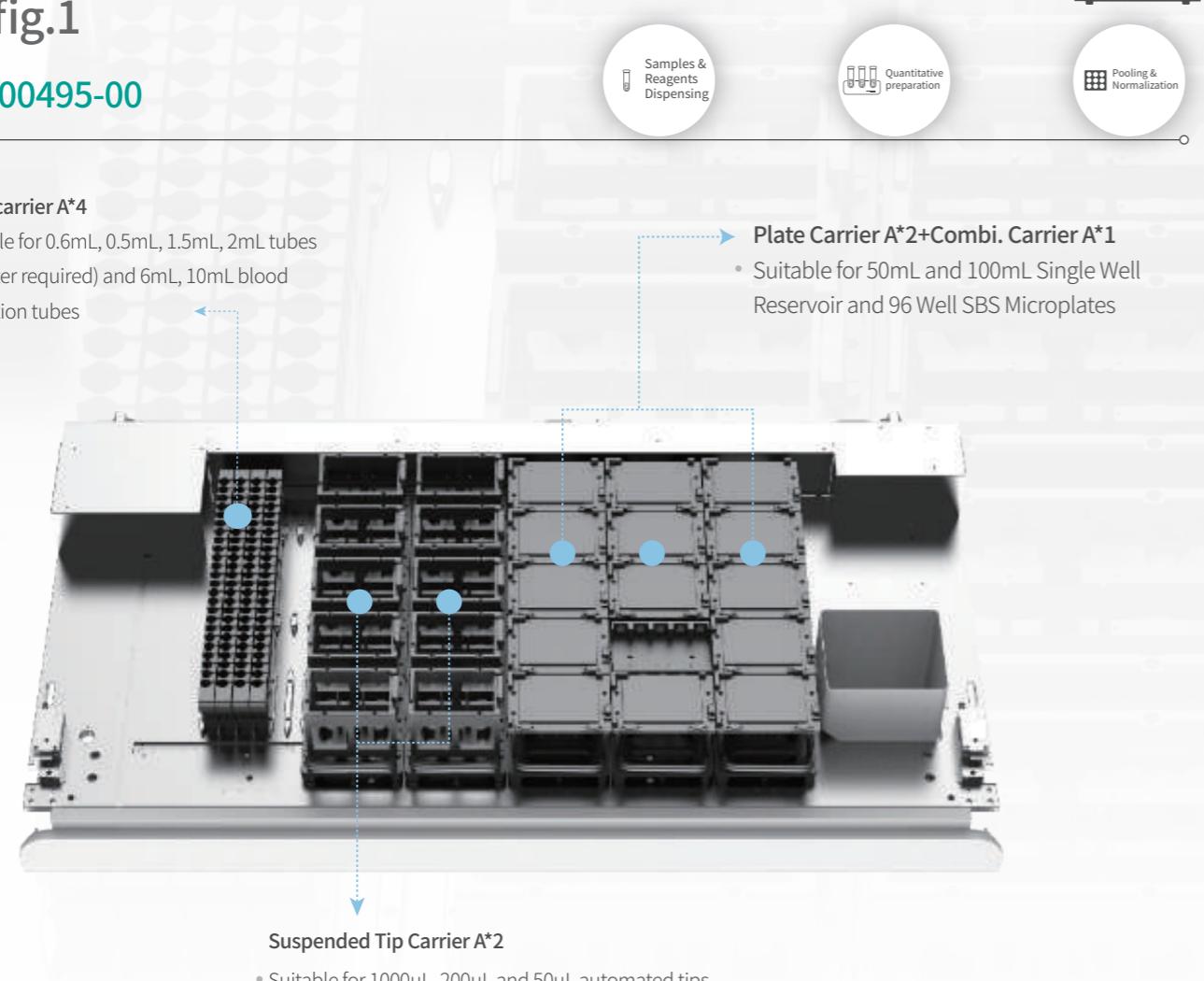
▷ **Config.4 Library Preparation Workstation**

- It can automate most [library preparation processes](#) such as [extraction](#), [normalization](#), [purification](#), [enzyme reaction](#), [hybridization&capture](#) , [make DNB](#), [pooling](#), etc.

SP-Smart 8RS Config.1

900-000495-00

Cherry Picking Workstation



The following adapters require extra purchase (not in config.1)

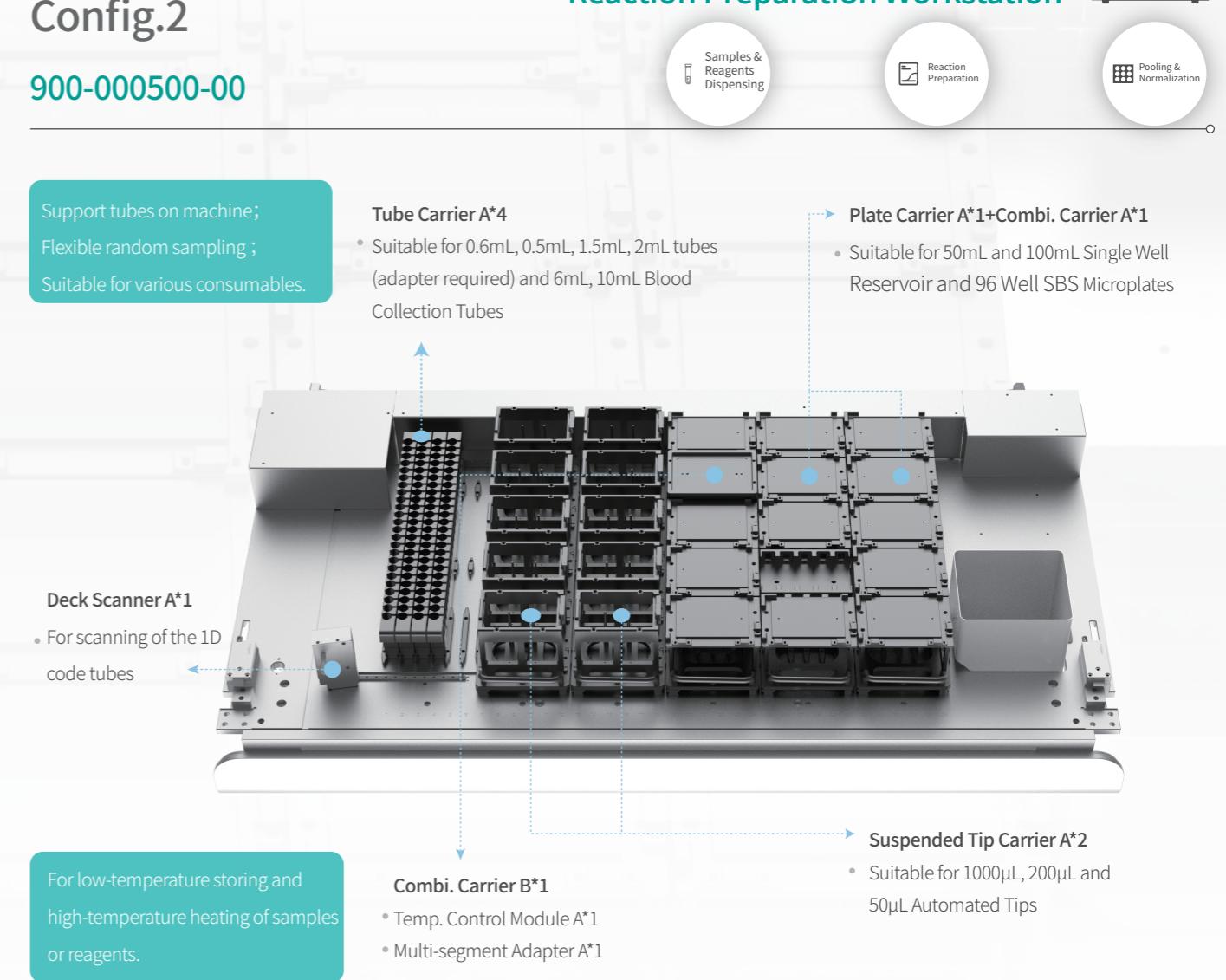
Picture	Name	Item No.
	Tube Adapter A	510-003559-00
	Tube Adapter B	510-003561-00
	PCR Plate Adapter C	510-003047-00
	Deepwell Plate Adapter B	510-003174-00

Picture	Name	Item No.
	PCR Plate Adapter A	510-003556-00
	Multi-segment Adapter B	510-003557-00
	Multi-segment Adapter C	510-003560-00

SP-Smart 8RS Config.2

900-000500-00

Sample Dispensing & Reaction Preparation Workstation



The following adapters require extra purchase (not in config.2)

Picture	Name	Item No.
	Tube Adapter A	510-003559-00
	Tube Adapter B	510-003561-00
	Multi-segment Adapter B	510-003557-00
	Multi-segment Adapter C	510-003560-00
	Single Well Reservoir Adapter B	510-003175-00

Picture	Name	Item No.
	PCR Plate Adapter A	510-003556-00
	PCR Plate Adapter B	510-003558-00
	PCR Plate Adapter C	510-003047-00
	Deepwell Plate Adapter A	510-003563-00
	Deepwell Plate Adapter B	510-003174-00
	Deepwell Plate Adapter C	510-003172-00

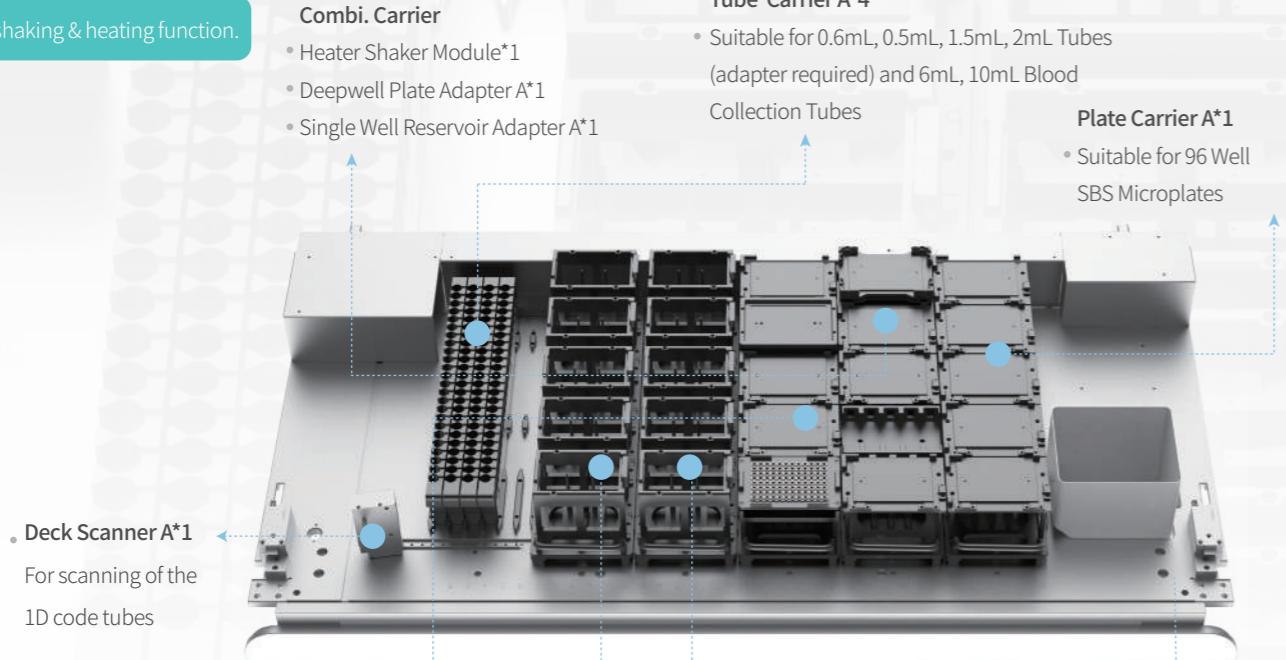
SP-Smart 8RS Config.3

900-000498-00

Nucleic Acid Extraction Workstation



For shaking & heating function.



For low-temperature storing and high-temperature heating of samples or reagents;
Supporting magnetic beads adsorption in Deepwell Plate to automate nucleic acid extraction or purification of samples.

Combi. Carrier

- Temp. Control Module*2
- Magnetic Module A*1
- Multi-segment Adapter A*1

Suspended Tip Carrier A*2

- Suitable for 1000µL, 200µL and 50µL Automated Tips

HEPA Module A*1
Air purification rate of 99.995%@0.3µm.

The following adapters require extra purchase (not in config.3)

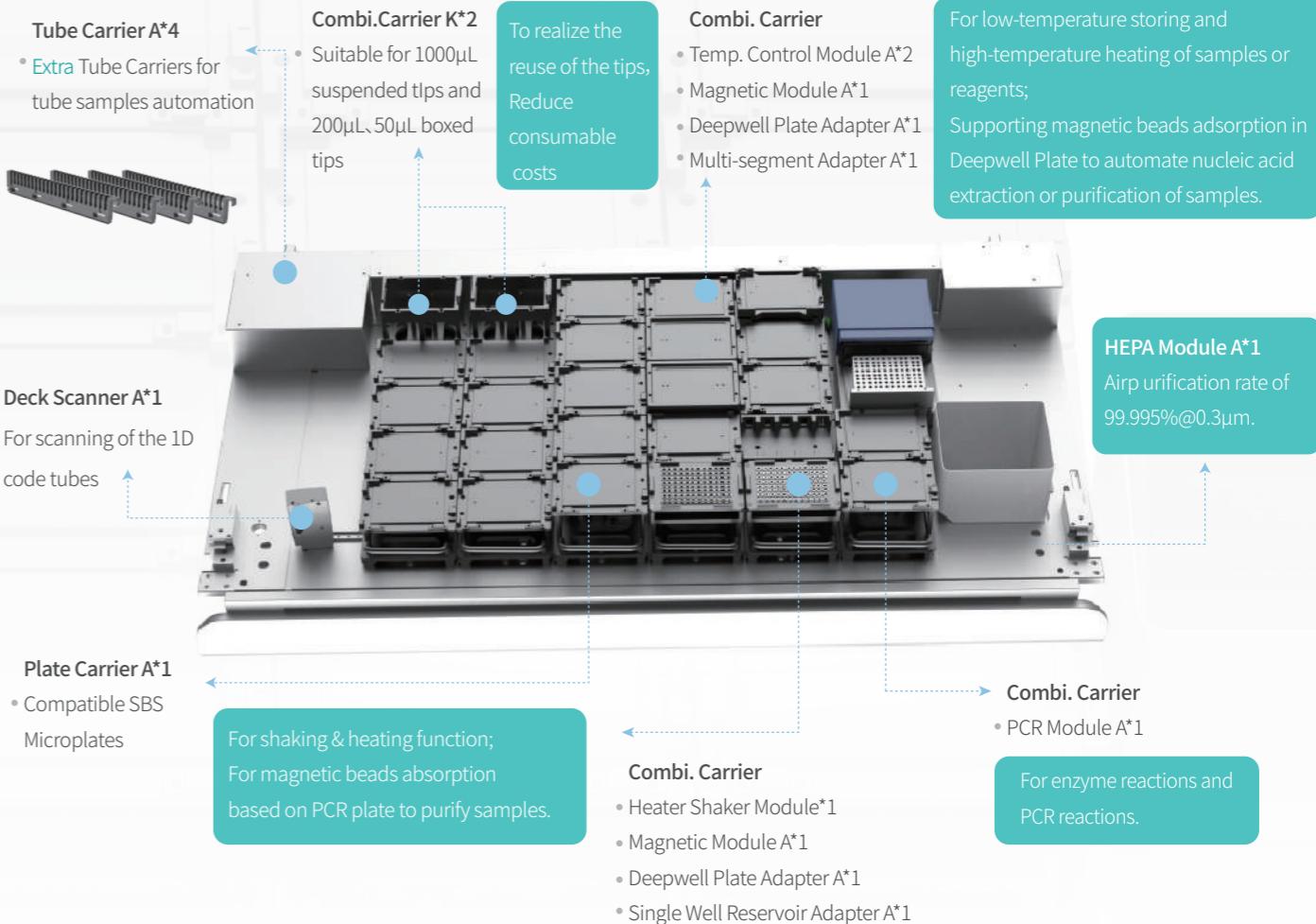
Picture	Name	Item No.
	Tube Adapter A	510-003559-00
	Tube Adapter B	510-003561-00
	Multi-segment Adapter B	510-003557-00
	Multi-segment Adapter D	510-003173-00
	Single Well Reservoir Adapter B	510-003175-00

Picture	Name	Item No.
	Multi-segment Adapter C	510-003560-00
	PCR Plate Adapter A	510-003556-00
	PCR Plate Adapter B	510-003558-00
	PCR Plate Adapter C	510-003047-00
	Deepwell Plate Adapter B	510-003174-00
	Deepwell Plate Adapter C	510-003172-00

SP-Smart 8RS Config.4

900-000503-00

Library Preparation Workstation



The following adapters require extra purchase (not in config.4)

Picture	Name	Item No.
	Tube Adapter A	510-003559-00
	Tube Adapter B	510-003561-00
	Multi-segment Adapter B	510-003557-00
	Multi-segment Adapter D	510-003173-00
	Single Well Reservoir Adapter B	510-003175-00

Picture	Name	Item No.
	Multi-segment Adapter C	510-003560-00
	PCR Plate Adapter A	510-003556-00
	PCR Plate Adapter B	510-003558-00
	PCR Plate Adapter C	510-003047-00
	Deepwell Plate Adapter B	510-003174-00
	Deepwell Plate Adapter C	510-003172-00

Purchasing Guide

More about SP-Smart 8

Unlock flexibility and possibilities

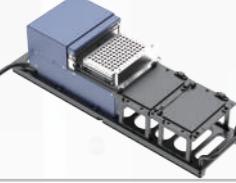
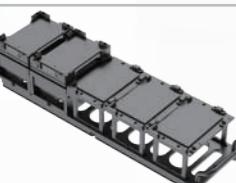
Hosts

Image	Name	Description	Item NO.
	SP-Smart 8 Automated Sample Preparation System	Without HEPA.	900-000592-00
	SP-Smart 8 Automated Sample Preparation System	With HEPA, maintain negative pressure inside the machine.	900-000589-00

Function Modules (Optional)

Image	Name	Description	Item NO.
	Robot Scanner A	Able to move with pipette arm, used for scanning barcodes of microplates.	510-001991-00
	Deck Scanner A	Fix on the left side of the table, used for scanning barcodes of tubes.	510-002091-00
	Magnetic Module A	For magnetic beads absorption based on Deepwell Plates.	510-002090-00
	Magnetic Module B	For magnetic beads absorption based on 0.2mL 96 Well Skirted PCR Plates.	510-002095-00
	Shaker Module A	For mixing during experiments on Deepwell Plates.	510-002089-00
	E-control Module	An automatic control system that connects the communication between the computer and machine, and provides power for machine, Temp.Control Module A, Heater&Shaker Module A, Shaker Module A and PCR Module A.	510-002096-00

Function Carriers

Image	Name	Description	Item NO.
	Combi. Carrier B	The second position is a Temp. Control Module A for low-temperature storing and high-temperature heating of samples or reagents.	510-001996-00
	Combi. Carrier G	Includes PCR Module A for enzyme reaction and PCR reaction.	510-002000-00
	Combi. Carrier H	The first position is the Heater & Shaker Module A, providing both shaking and heating functions.	510-001997-00
	Combi. Carrier I	Two Temp. Control Modules A for low-temperature storing and high-temperature heating of samples or reagents.	510-001994-00
	Combi. Carrier J	Two Heater & Shaker Module A provide shaking & heating functions.	510-002003-00

Stack Module

Image	Name	Description	Item NO.
	Stack Module A	It supports stacking of 2*pcr plates or 2*deep well plates.	510-003584-00
	Stack Module B	It supports stacking of 3*pcr plates.	510-003582-00
	Stack Base A	Base for stack module	510-003764-00

Tube Carriers

Image	Name	Description	Item NO.
	Tube Carrier A	It can be placed 24 tubes, compatible with 0.5mL, 0.6mL, 1.5mL, 2mL Centrifugal Tubes (adaptors required) or 6mL, 10mL Blood Collection Tubes.	510-002097-00
	Tube Carrier B	It can be placed 20 tubes, compatible with 5mL Centrifugal Tubes.	510-002093-00
	Tube Carrier C	It can be placed 12 tubes, compatible with 50mL Centrifugal Tubes.	510-002092-00

Tip Carriers

Image	Name	Description	Item NO.
	Suspended Tip Carrier A	It can be placed 5 boxes of tips, compatible with 50µL, 200µL, 1000µL Tips.	510-002094-00
	Plate Carrier B	Suitable for 200µL, 50µL boxed tips	510-002912-00

Reservoir Carriers

Image	Name	Description	Item NO.
	Single Well Reservoir Carrier A	It can be placed 4 Single Well Reservoirs, compatible with 50mL and 100mL Reservoirs.	510-001992-00

Plate Carriers

Image	Name	Description	Item NO.
	Plate Carrier A	It can be placed 5 microplates.	510-002001-00
	Combi. Carrier A	The fourth plate is Plate Carrier Rack B, with Single Well Reservoirs Adapter A, which can hold 4 SBS Microplates and 5 Single Well Reservoirs of 50mL and 100mL.	510-001998-00

Adapters and others

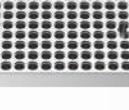
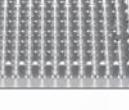
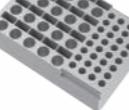
Image	Name	Description	Item NO.
	Tube Adapter A	Applied to Tube Carrier A, compatible with 0.5mL, 2mL Cryo Tubes and 1.5mL, 2mL Centrifuge Tubes.	510-003559-00
	Tube Adapter B	Applied to Tube Carrier A, compatible with 0.6mL Centrifuge Tubes.	510-003561-00
	Single Well Reservoir Adapter A	Applied to Plate Carrier Rack B, compatible with 5 Single Well Reservoirs of 50mL or 100mL.	510-003562-00
	PCR Plate Adapter A	Applied to SBS Plate, compatible with 0.2 mL 96 Well Half-skirt PCR Plate.	510-003556-00
	PCR Plate Adapter B	Applied to Temp.Control Module A, compatible with 96 Well PCR Plates.	510-003558-00
	Deepwell Plate Adapter A	Applied to Temp.Control Module A and Heater Shaker Module A, compatible with 1.3ml 96 Well U-bottom Deepwell Plate.	510-003563-00
	Multi-segment Adapter A	Applied to Temp.Control Module A, compatible with 0.5mL, 2mL Centrifuge Tubes and Break-away PCR Plate.	510-003564-00
	Multi-segment Adapter B	Applied to SBS Plate, compatible with 0.6mL Centrifuge Tubes.	510-003557-00
	Multi-segment Adapter C	Applied to SBS Plate, compatible with 0.5mL, 2mL Cryo Tubes and 1.5mL, 2mL Centrifuge Tubes and Break-away PCR Plate.	510-003560-00

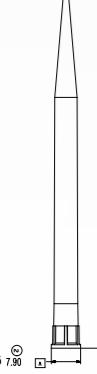
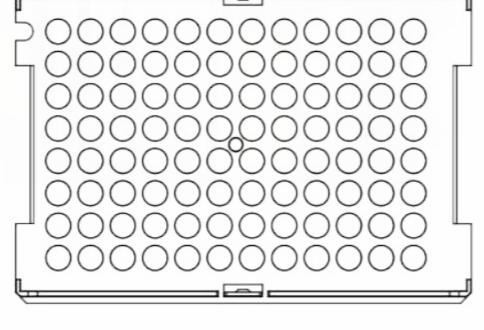
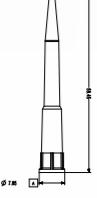
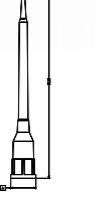
Image	Name	Description	Item NO.
	PCR Plate Adapter C	Applied to standard postion module for anti-strap adapter of PCR plate	510-003047-00
	Deepwell Plate Adapter B	Applied to standard postion module for anti-strap adapter of 1.3mL DeepWell Plate	510-003174-00
	Deepwell Plate Adapter C	Applied to temp.control module for anti-strap adapter of 1.3mL DeepWell Plate	510-003172-00
	Single Well Reservoir Adapter B	Used on temp.Control module, suitable for 50 mL Single Well Reservoir. Supports the temperature control function of reservoir	510-003175-00
	Multi-segment Adapter D	Anti-condensation water adapter on the temperature control module, compatible with Break-away PCR Plate and 0.5mL and 2mL cryo tubes	510-003173-00
	Multi-segment Adapter E	Applied to SBS Plate, compatible with 0.5mL, 2mL and 5mL Cryo Tubes or Centrifuge Tubes and Break-away PCR Plate.	010-005944-00
	Multi-segment Adapter F	Applied to temp.control module, compatible with 0.5mL, 2mL Cryo Tubes or Centrifuge Tubes and Break-away PCR Plate.	010-005945-00
	Sealing Lid Adapter A	Cover plate for sealing cap A, sealing cap B and microplate lip.	014-000444-00
	PCR Adapter D	It supports automated pipetting of PCR plate during sealing, providing anti-banding function, which is applied to temp.-control module.	014-000446-00
	Bio-waste bin A	Expansion of waste capacity	510-004206-00

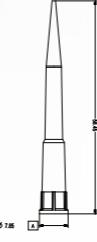
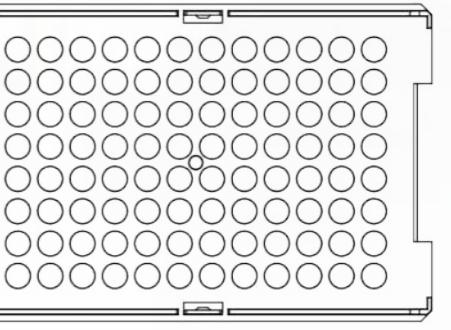
Automated Conductive Tips

Image	Name	Specification	Unit	Sterility	Item NO.
	1000μL Tips, Conductive, Filtered, Suspended	96 tips/rack, 40 racks/case	Case	Sterile	091-000223-00
	200μL Tips, Conductive, Filtered, Suspended	96 tips/rack, 24 racks/case	Case	Sterile	091-000156-00
	50μL Tips, Conductive, Filtered, Suspended	96 tips/rack, 24 racks/case	Case	Sterile	091-000159-00
	1000μL Black Conductive Tips, Sterile, Filtered (Wide-Bore)	96 tips/rack, 16 racks/case	Case	Sterile	091-000020-00

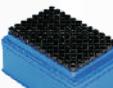
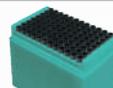
Automated Transparent Tips

Image	Name	Specification	Unit	Sterility	Item NO.
	1000μL Tips, Transparent, Filtered, Suspended	96 tips/rack, 16 racks/case	Case	Sterile	1000023970
	200μL Tips, Transparent, Filtered, Suspended	96 tips/rack, 24 racks/case	Case	Sterile	091-000158-00
	50μL Tips, Transparent, Filtered, Suspended	96 tips/rack, 24 racks/case	Case	Sterile	091-000157-00

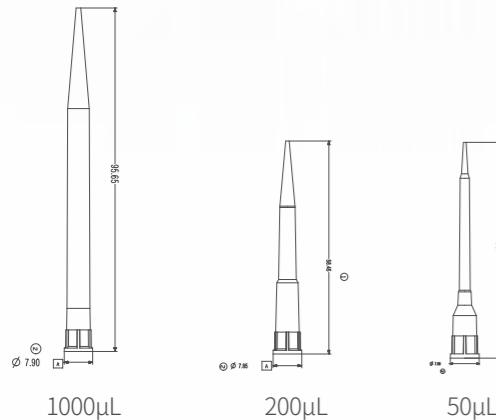
Tips Size		Tip Rack Size	
	1000μL		
	200μL		
	50μL		
	1000μL (Wide-bore)		
• Material	• Purity standard	• Features	
✓ Conductive polypropylene	✓ Human DNA free	✓ High-quality conductive polypropylene enables reliable liquid-level detection	
✓ PCR inhibitors free	✓ PCR inhibitors free	✓ Sterile filter elements prevent aerosol pollution	
✓ Dnase/RNase free, Sterile	✓ Dnase/RNase free, Sterile	✓ Wide-bore tips can be used to pipette the viscous solution	

Tips Size	Tip Rack Size	
		
		
		
1000μL		
• Material	• Purity standard	• Features
✓ Polypropylene	✓ Human DNA free	✓ High-quality polypropylene, resistant to various chemical reagents
	✓ PCR inhibitors free	✓ Sterile filter elements prevent aerosol pollution
	✓ Dnase/RNase free, Sterile	✓ Dnase/RNase free, Sterile

Automated Transparent Tips

Image	Name	Specification	Unit	Sterility	Item NO.
	200µL Tips, Conductive, Filtered, Box	96 tips/box 24 boxes/case	Case	Sterile	091-000164-00
	200µL Tips, Transparent, Filtered, Box	96 tips/box 24 boxes/case	Case	Sterile	091-000163-00
	50µL Tips, Conductive, Filtered, Box	96 tips/box 24 boxes/case	Case	Sterile	091-000161-00
	50µL Tips, Transparent, Filtered, Box	96 tips/box 24 boxes/case	Case	Sterile	091-000162-00
	1000µL Tips, Transparent, Filtered, Tall Box	96 tips/box 30 boxes/case	Case	Sterile	091-000377-00
	1000µL Tips, Conductive, Filtered, Tall Box	96 tips/box 30 boxes/case	Case	Sterile	091-000399-00

Tips Size



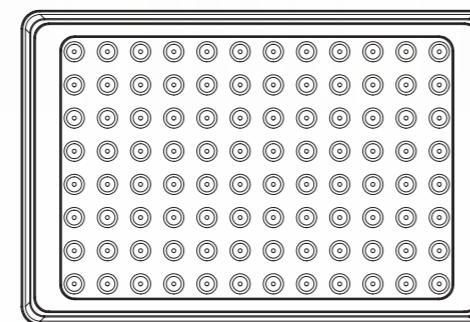
• Material

- ✓ Polypropylene

• Purity standard

- ✓ Human DNA free
- ✓ PCR inhibitors free
- ✓ Dnase/RNase free, Sterile

Tip Rack Size



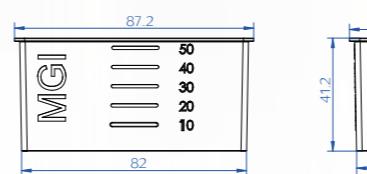
• Features

- ✓ High-quality polypropylene, resistant to various chemical reagents
- ✓ Sterile filter elements prevent aerosol pollution
- ✓ Different tip specifications ensure accurate sample transfer
- ✓ To realize the reuse of the tips, Reduce consumable costs

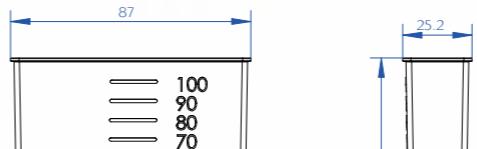
Single Well Reservoirs

Image	Name	Specification	Unit	Volume	Sterility	Item NO.
	50mL Single Well Reservoir	50 pieces/box	Box	2-50mL	Sterile	012-000780-00
	100mL Single Well Reservoir	50 pieces/box	Box	2-100mL	Sterile	012-000779-00
	50mL Single Well Reservoir and Cap Set	50 Sets/box	Box	2-50mL	Sterile	091-000375-00
	100mL Single Well Reservoir and Cap Set	50 Sets/box	Box	2-100mL	Sterile	091-000374-00

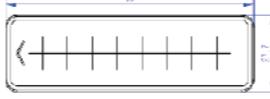
Single Well Reservoir Size



50mL Single Well Reservoir



100mL Single Well Reservoir



Cap

Consumables Description

• Material

- ✓ Polypropylene

• Purity standard

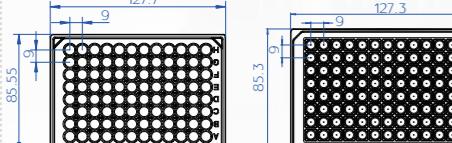
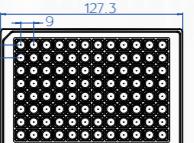
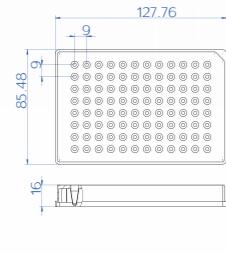
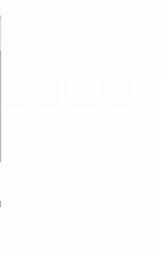
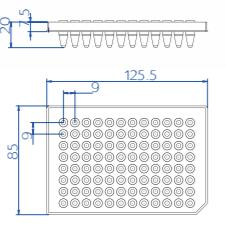
- ✓ Human DNA free
- ✓ PCR inhibitors free
- ✓ Dnase, RNase free, Sterile

• Features

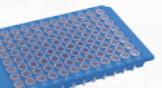
- ✓ Resistant to various chemical reagents
- ✓ Accurate measuring range, flexible working volume, efficient dispensing of reagents

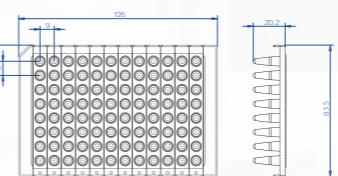
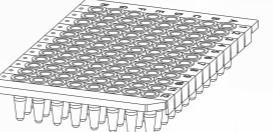
96 Well Plates

Image	Name	Specification	Unit	Volume	Sterility	Item NO.
	1.3ml 96 Well U-bottom Deepwell Plate	2 plates/bag	Bag	≤1.3mL	Sterile	1000004644
	2.2 mL 96 Well V-bottom Deepwell Plate	60 plates/case	Case	≤2.2mL	Sterile	1000008088
	Hard-shell Thin-wall 96 Well Skirted PCR Plates, White Shell/Clear Well	10 plates/bag	Bag	≤200 μL	Sterile	1000012059
	0.2 mL 96 Well Half-skirt PCR Plate	10 plates/box, 20 boxes/case	Case	≤200 μL	Sterile	1000000671

96 Well Plate Size		Consumables Description		
		<ul style="list-style-type: none"> Material: USP Class VI and FDA approved medical grade polypropylene material Purity standard <ul style="list-style-type: none"> ✓ Human DNA free ✓ PCR inhibitors free ✓ DNase, RNase free, Sterile Features <ul style="list-style-type: none"> ✓ High-quality heat-resistant and corrosion-resistant polypropylene material ✓ Letter-number coordinate design, easy to locate well ✓ High flatness and good consistency of external dimension, and conducive to the grab of automatic instrument mechanical arm 		
1.3mL 96 Well U-bottom Deepwell Plate	2.2mL 96 Well V-bottom Deepwell Plate	<ul style="list-style-type: none"> Purity standard <ul style="list-style-type: none"> ✓ Sterile, pyrogen free ✓ Endotoxin, DNA free ✓ DNase, RNase free ✓ Inhibitors free Features <ul style="list-style-type: none"> ✓ High-quality heat-resistant and corrosion-resistant polypropylene material ✓ Ultra-thin tube wall provides fast and uniform heat conduction effect ✓ Letter-number coordinate design, easy to locate well ✓ Convex edge design of the tube guarantees the sealing and pollution-free 		
		<ul style="list-style-type: none"> Purity standard <ul style="list-style-type: none"> ✓ Sterile, pyrogen free ✓ Endotoxin, DNA free ✓ DNase, RNase free ✓ Inhibitors free Features <ul style="list-style-type: none"> ✓ High-quality heat-resistant and corrosion-resistant polypropylene material ✓ Ultra-thin tube wall provides fast and uniform heat conduction effect ✓ Letter-number coordinate design, easy to locate well ✓ Convex edge design of the tube guarantees the sealing and pollution-free 		
		<ul style="list-style-type: none"> Purity standard <ul style="list-style-type: none"> ✓ Sterile, pyrogen free ✓ Endotoxin, DNA free ✓ DNase, RNase free ✓ Inhibitors free Features <ul style="list-style-type: none"> ✓ High-quality heat-resistant and corrosion-resistant polypropylene material ✓ Ultra-thin tube wall provides fast and uniform heat conduction effect ✓ Letter-number coordinate design, easy to locate well ✓ Convex edge design of the tube guarantees the sealing and pollution-free 		

Break-away PCR Plate

Image	Name	Specification	Unit	Volume	Sterility	Item NO.
	Break-away PCR Plate and Cover, 96 Well	10 plates/box(Tube) 120 strips/box (Cap)	Box	≤200 μL	Sterile	100-000016-00

Break-away PCR Plate Size	Consumables Description
	<ul style="list-style-type: none"> Material <ul style="list-style-type: none"> ✓ Tube Wells: polypropylene ✓ Tube Frame: Polycarbonate ✓ Cap: Polypropylene
	<ul style="list-style-type: none"> Purity standard <ul style="list-style-type: none"> ✓ Sterile, pyrogen free ✓ Endotoxin, DNA free ✓ DNase, RNase free ✓ Inhibitors free
	<ul style="list-style-type: none"> Features <ul style="list-style-type: none"> ✓ Standard 96-well design, can be broken vertically into single eight-tubes ✓ Matching caps can effectively prevent sample volatilization ✓ Dual-material design, the rugged plate is more suitable for heat sealing film. It can be used in combined with Strips of 8 Caps.

Consumables List

Automated Tips

Name	Specification	Unit	Item NO.
1000μL Tips, Conductive, Filtered, Suspended	96 tips/rack, 40 racks/case	Case	091-000223-00
200μL Tips, Conductive, Filtered, Suspended	96 tips/rack, 24 racks/case	Case	091-000156-00
50μL Tips, Conductive, Filtered, Suspended	96 tips/rack, 24 racks/case	Case	091-000159-00
1000μL Black Conductive Tips, Sterile, Filtered (Wide-Bore)	96 tips/rack, 16 racks/case	Case	091-000020-00
1000μL Tips, Transparent, Filtered, Suspended	96 tips/rack, 16 racks/case	Case	1000023970
200μL Tips, Transparent, Filtered, Suspended	96 tips/rack, 24 racks/case	Case	091-000158-00
50μL Tips, Transparent, Filtered, Suspended	96 tips/rack, 24 racks/case	Case	091-000157-00
200μL Tips, Conductive, Filtered, Box	96 tips/box, 24 boxes/case	Case	091-000164-00
200μL Tips, Transparent, Filtered, Box	96 tips/box, 24 boxes/case	Case	091-000163-00
50μL Tips, Conductive, Filtered, Box	96 tips/box, 24 boxes/case	Case	091-000161-00
50μL Tips, Transparent, Filtered, Box	96 tips/box, 24 boxes/case	Case	091-000162-00
1000μL Tips, Transparent, Filtered, Tall Box	96 tips/box, 30 boxes/case	Case	091-000377-00
1000μL Tips, Conductive, Filtered, Tall Box	96 tips/box, 30 boxes/case	Case	091-000399-00

Single Well Reservoirs

Name	Specification	Unit	Item NO.
50mL Single Well Reservoir	50 pieces/box	Box	012-000780-00
100mL Single Well Reservoir	50 pieces/box	Box	012-000779-00
50mL Single Well Reservoir and Cap Set	50 Sets per Box	Box	091-000375-00
100mL Single Well Reservoir and Cap Set	50 Sets per Box	Box	091-000374-00

96 Well Plates

Name	Specification	Unit	Item NO.
1.3ml 96 Well U-bottom Deepwell Plate	2 plates/bag	Bag	1000004644
2.2 mL 96 Well V-bottom Deepwell Plate	60 plates/bag	Case	1000008088
Hard-shell Thin-wall 96 Well Skirted PCR Plates, White Shell/Clear Well	10 plates/bag	Bag	1000012059
0.2 mL 96 Well Half-skirt PCR Plate	10 plates/box, 20 boxes/case	Case	1000000671

Break-away PCR Plate

Name	Specification	Unit	Item NO.
Break-away PCR Plate and Cover, 96 Well	10 plates/box (Tube)	Box	100-000016-00
	120 strips/box (Cap)		

MGISP Series

Multi-faceted to meet your laboratory's individual needs



SP-100

Throughput ➔ 8 or 16 Samples/Run*

Deck capacity ➔ 6 SBS positions

- Fixed 8-channel pipette
- Compact countertop, standardized model for library preparation
- Suitable for small and medium-sized laboratory



SP-Smart 8

Throughput ➔ 1-48 Samples/Run*

Deck capacity ➔ 30 SBS positions

- Independent 8-channel pipette
- Rail-type countertops, customizable for different applications
- Fit for flexible throughput laboratory



SP-960

Throughput ➔ 96 Samples/Run*

Deck capacity ➔ 24 SBS positions

- Fixed 96-channel pipette
- Compact countertop, integrate multiple function modules
- Suitable for high throughput laboratory

*The numbers were calculated based on the throughputs of library preparation.