

Инструменты лабораторные

Технические характеристики

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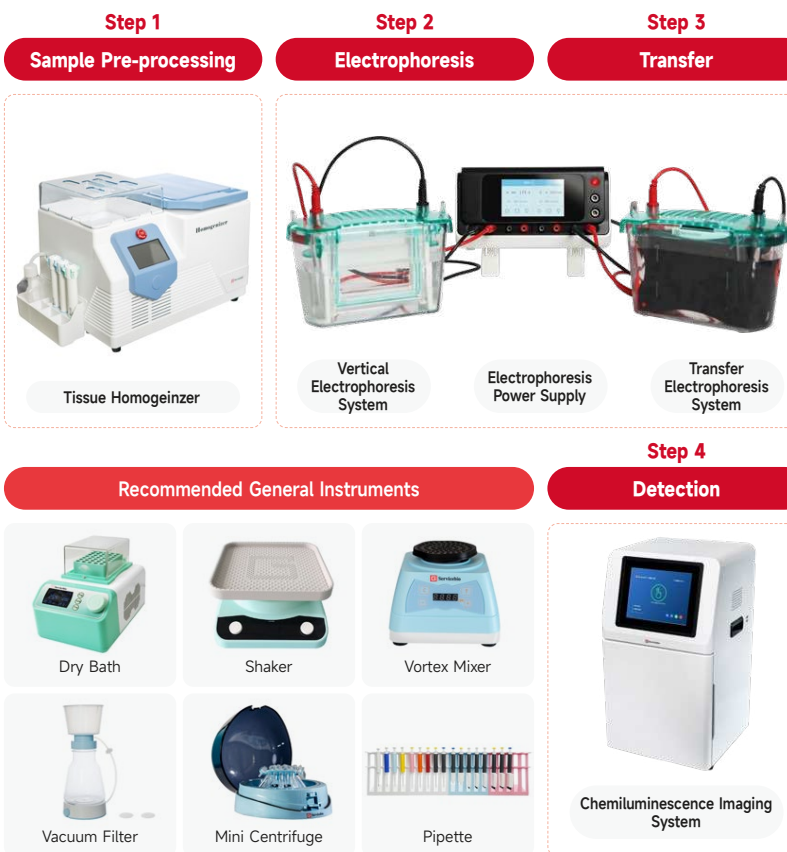
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Western Blot Experiment Series

Providing One-Stop Service Centered on Customer Needs



Tissue Homogenizer Series

Step 1: Sample Pre-treatment



Tissue Homogenizer-Low Temperature
SWE-FP
-50 °C



Tissue Homogenizer-3D
KZ-5F-3D
-40 °C



Tissue Homogenizer-Low Temperature
KZ-III-F/FP
-10 °C / -40 °C



Tissue Homogenizer
KZ-III
Room Temperature

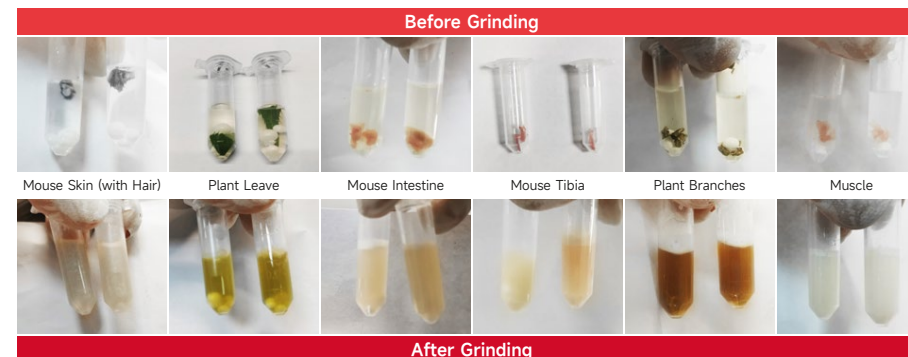
Servicebio Tissue Homogenizer

Greatly Improved Sample Processing Procedure

- 1 Capable of dry grinding, wet grinding, and homogenization of samples.
- 2 Simultaneously processes 24 samples, enabling rapid and high-throughput sample preparation (upgradeable to process 192 samples in a single run).
- 3 Compatible with different capacity adapters: 0.5 mL, 1.5 mL, 2 mL, 5 mL, 10 mL, 15 mL, 50 mL.
Wide range of sample types can be processed:
a. Suitable for grinding and crushing various plant tissues, including roots, stems, leaves, flowers, fruits, seeds, etc.
b. Suitable for grinding and crushing various animal tissues, including brain, heart, lungs, stomach, liver, thymus, kidneys, intestines, lymph nodes, muscles, bones, etc.
c. Suitable for grinding and crushing food and pharmaceutical components for analysis and testing.
- 4 Uses sealed disposable centrifuge tubes to effectively prevent cross-contamination between samples.
- 5 Strong experimental reproducibility; setting the same grinding frequency and time yields consistent grinding results.
- 6 Cooling function: Optional settings of room temperature, -10 °C, -40 °C, -50 °C.
- 7 Upgraded model SWE-FP features a built-in freezing platform for sample low-temperature protection and meets cooling requirements for Western Blot electrophoresis experiments.

Reduce Protein and RNA Degradation with Full-cycle Cryogenic Grinding

Outstanding Grinding | Thorough Protein/RNA Extraction



Servicebio homogenizer can meet the requirements of rapid processing of multi-sample in various fields such as research institutes, universities, agriculture, biomedicine, food testing, etc. The samples after grinding can be used for WB, PCR, biochemical, ELISA, LC/MS, etc. The grinding is more thorough, and better protects proteins and RNA from degradation, helping you to publish high-impact articles!

The following are excerpts from highly cited literature. For more references on tissue homogenizer, please visit the official website of Servicebio: www.servicebio.com

- 1 Pu, Y., et al. G0LM1 restricts colitis and colon tumorigenesis by ensuring Notch signaling equilibrium in intestinal homeostasis. *Signal Transduction and Targeted Therapy* 6(1), p. 148(2021). PMID 33850109 IF 38.104
- 2 Qi, Y., et al. A Lactose-Derived CRISPR/Cas9 Delivery System for Efficient Genome Editing In Vivo to Treat Orthotopic Hepatocellular Carcinoma. *Advanced Science* 7(17), p. 2001424(2020). PMID 32995132 IF 17.521
- 3 Pang, Z., et al. Multifunctional Gold Nanoclusters for Effective Targeting, Near-Infrared Fluorescence Imaging, Diagnosis, and Treatment of Cancer Lymphatic Metastasis. *ACS Nano* 16, 16019-16037(2022). PMID 36130729 IF 17.1
- 4 Xu, D., et al. Self-Homeostasis Immunoregulatory Strategy for Implant-Related Infections through Remodeling Redox Balance. *ACS Nano* 17, 4574-4590(2023). PMID 36811805 IF 17.1
- 5 Wang, M., et al. DNA-PK inhibition by M3814 enhances chemosensitivity in non-small cell lung cancer. *Acta Pharmaceutica Sinica B* 11(12), p. 3935-3949(2021). PMID 35024317 IF 14.903
- 6 Pan, X., et al. SWD1 epigenetically controls fungal morphogenesis, aflatoxin biosynthesis, metabolism, and virulence of *Aspergillus flavus*. *Journal of Hazardous Materials* 455, 131542(2023). PMID 37172387 IF 13.6
- 7 Yin, H., et al. Short-term exposure to high relative humidity increases blood urea and influences colonic urea-nitrogen metabolism by altering the gut microbiota. *Journal of Advanced Research* 35, p. 153-168(2022). PMID 35003799 IF 12.822
- 8 Wan, J., et al. Balancing the stability and drug activation in adaptive nanoparticles potentiates chemotherapy in multidrug-resistant cancer. *Theranostics* 11(9), p. 4137-4154(2021). PMID 33754053 IF 11.6
- 9 Sun, Y., et al. A Novel Strategy for Treating Inflammatory Bowel Disease by Targeting Delivery of Methotrexate through Glucan Particles. *Advanced Healthcare Materials* 9(6), p. 1901805(2020). PMID 32092235 IF 11.092
- 10 Zhou, B.-h., et al. Drp1/Mff signaling pathway is involved in fluoride-induced abnormal fission of hepatocyte mitochondria in mice. *Science of The Total Environment* 725, p. 138192(2020). PMID 32278173 IF 10.753
- 11 Li, Y.-J., et al. Gemcitabine loaded autologous exosomes for effective and safe chemotherapy of pancreatic cancer. *Acta Biomaterialia* 101, p. 519-530(2020). PMID 31629893 IF 10.633
- 12 Dong, J., et al. Inhibiting NLRP3 inflammasome activation prevents copper-induced neuropathology in a murine model of Wilson's disease. *Cell Death & Disease* 12(1), p. 87(2021). PMID 33462188 IF 9.685
- 13 Yue, X., et al. Intermittent hypoxia treatment alleviates memory impairment in the 6-month-old APPswe/PS1dE9 mice and reduces amyloid beta accumulation and inflammation in the brain. *Alzheimer's Research & Therapy* 13(1), p. 194(2021). PMID 34844651 IF 8.823
- 14 Liu, J., et al. Ferritin-dependent cellular autophagy pathway promotes ferroptosis in beef during cold storage. *Food Chemistry* 412, 135550(2023). PMID 36706507 IF 8.8
- 15 Ye, L., et al. Inhibition of IP3R/Ca2+ Dysregulation Protects Mice From Ventilator-Induced Lung Injury via Endoplasmic Reticulum and Mitochondrial Pathways. *Frontiers in Immunology* 12, p. 729094-729094(2021). PMID 34603302 IF 8.786

Tissue Homogenizer-Low Temperature^{SWE-FP}

Experiment Scenario 1

WB experiments such as electrophoresis and membrane transfer require low-temperature environments, but methods such as ice baths provide unstable low-temperature environments and are troublesome to operate.



Servicebio SWE-FP:

- ✓ The freezing table can reach temperatures as low as -20 °C , catering to a variety of low-temperature testing needs.



Experiment Scenario 2



Servicebio Slider Drive

- ✓ No-wear Shaft
- ✓ Noise Stability
- ✓ Durable



Plain Linear Bearing Drive

Frequent shaft breakage increases the economic cost and time cost of later repairs

Experiment Scenario 3

Lowest Cooling Temperature: -50 °C

Name	liver	Selection Temp
Grinding chamber	-50.0 °C	
Freezer Table	-4.0 °C	
OP timer	0 S	
Pause timer	0 S	
OP times	0 Times	

Low temperature grinding throughout the process, reducing degradation of proteins and RNA

Experiment Scenario 4

Simultaneous processing of up to 192 samples in 1 minute (24 samples standard)



Low Temperature Homogenizer^{KZ-III-F | KZ-III-FP}



Experiment Scenario

More large-volume samples need to be processed simultaneously to improve experimental efficiency and maintain batch-to-batch consistency.

Simultaneous processing of up to 60 samples in 1 minute



24 Samples as Standard (Multiple adapters available)



Servicebio



Slider Drive

- ✓ No-wear Shaft
- ✓ Noise Stability
- ✓ Durable

Low temperature grinding throughout the process, reducing degradation of proteins and RNA

KZ-III-FP

Lowest Cooling Temperature: -40 °C

Chinese	09:55:55	Actual temperature: -40.0 °C	Servicebio
Operating frequency	70 Hz	Pause time	0 S
Running time	60 S	Running time	0 S
Pause time	15 S	Number of Times	0
Number of Times	50	Pause time	0 S
Setting temperature	-40.0 °C	Pause time	0 S

KZ-III-F

Lowest Cooling Temperature: -10 °C

Chinese	09:55:55	Actual temperature: 0.0 °C	Servicebio
Operating frequency	70 Hz	Pause time	0 S
Running time	60 S	Running time	0 S
Pause time	15 S	Number of Times	0
Number of Times	50	Pause time	0 S
Setting temperature	-10.0 °C	Pause time	0 S

3D Tissue Homogenizer (-40°C) KZ-5F-3D



Experiment Scenario

Grinds samples such as skin, blood vessels, hair, etc. that are too tough to be adequately ground

Servicebio KZ-5F-3D:

- ✓ Special "∞" motion pattern, especially suitable for tough samples. Grinding can be completed in 60s.

Fuller grinding, routine tissues can be ground in as fast as 15 s.



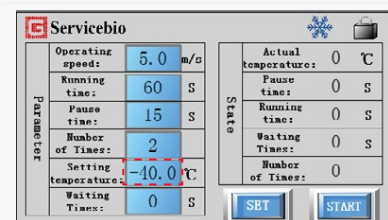
Simultaneous processing of up to 24 samples
(Multiple adapters available)



2 mL×24

Low temperature grinding throughout the process,
reducing degradation of proteins and RNA

Lowest Cooling Temperature: -40 °C



Tissue Homogenizer - 96-well Plate KZ-III-96



>> Product Features

- Can grind up to 192 samples at a time.
- Compatible with conventional adapters.
- Slider drive, non-wearing shaft, stable noise, durable.
- Multiple adapters available.

Tissue Homogenizer - Room Temperature KZ-III



>> Product Features

- Simultaneous processing of up to 60 samples (24 samples standard).
- The adapter module can be pre-cooled at low temperature to reduce sample degradation.
- Slider drive, non-wearing shaft, stable noise, durable.
- Multiple adapters available.

Cat. No.	KZ-III	KZ-III-F/FP	KZ-5F-3D	SWE-FP
Operating Mode	Vertical oscillation system with high-speed reciprocating motion	Vertical oscillation system with high-speed reciprocating motion	Presents a 3D "∞" shaped motion in space	Vertical oscillation system with high-speed reciprocating motion
Temperature	Room temperature	-10 °C / -40 °C	-40 °C	-50 °C
Temperature Control Precision	N/A	±1 °C	±1 °C	±1 °C
Standard Spec.	24×2 mL	24×2 mL	24×2 mL	24×2 mL
Maximum Sample Volume	60 pcs	60 pcs	24 pcs	192 pcs
Adapter Specification	0.5 mL×24; 2 mL×24; 2 mL×24; 2 mL×32; 2 mL×48; 2 mL×60; 5 mL×12; 10 mL×10; steel can 5 mL×6; steel can 15 mL×8; steel can 30 mL×4; steel can 50 mL×2; PTFE 30mL×4; PTFE 50 mL×2	3D 2mL×24; 3D 5mL×12 (Special Adapter Models)	0.5 mL×24; 2 mL×24; 2 mL×32; 2 mL×48; 2 mL×60; 5 mL×12; 10 mL×10; steel can 5 mL×6; steel can 15 mL×8; steel can 30 mL×4; steel can 50 mL×2; PTFE 30mL×4; PTFE 50 mL×2; 2 mL×96; 96-well Plate×2	0.5 mL×24; 2 mL×24; 2 mL×32; 2 mL×48; 2 mL×60; 5 mL×12; 10 mL×10; steel can 5 mL×6; steel can 15 mL×8; steel can 30 mL×4; steel can 50 mL×2; PTFE 30mL×4; PTFE 50 mL×2; 2 mL×96; 96-well Plate×2
Freezing Table	N/A	N/A	N/A	YES
Adapter Fixing Method	Nut	Nut	Knob cover with safety locking device	Nut
Working Time	Run time 0-9999 s; Pause time 0-999 s; Number of runs 1-99	Run time 0-999 s; Pause time 0-999 s; Number of runs 1-99	Run time 0-999 s; Pause time 0-999 s; Number of runs 1-99	Run time 0-999 s; Pause time 0-999 s; Number of runs 1-99
Dimensions	365×265×396 mm	370×365×500 mm	370×365×500 mm	650×420×430 mm
Screen Size	5 inches	5 inches	5 inches	5 inches
Emergency Stop Button	YES	YES	YES	YES
Electromagnetic Safety Lock	Screen click control with automatic power-off unlocking; the cover cannot be opened during operation until the grinding program ends, fully protected.	Screen click control with automatic power-off unlocking; the cover cannot be opened during operation until the grinding program ends, fully protected.	Screen click control with automatic power-off unlocking; the cover cannot be opened during operation until the grinding program ends, fully protected.	Screen click control with automatic power-off unlocking; the cover cannot be opened during operation until the grinding program ends, fully protected.
Feeding Size	No requirements, adjustable according to the adapter.	No requirements, adjustable according to the adapter.	No requirements, adjustable according to the adapter.	No requirements, adjustable according to the adapter.
Weight	45 kg	52 kg	52 kg	54 kg
Power Parameters	200-240 V AC, 50-60 Hz, 400 W	200-240 V AC, 50-60 Hz, 400 W	200-240 V AC, 50-60 Hz, 400 W	200-240 V AC, 50-60 Hz, 500 W
Cooling Method	Low temperature pre-cooling: adapter can reach -80°C or liquid nitrogen pre-cooling	Compressor cooling	Compressor cooling	Compressor cooling
Transport Screws	Yes (2 at the bottom)	Yes (2 at the bottom)	N/A	Yes (2 at the bottom)
Advantages	Small size, cost-effective	Compatible with various adapter specifications. Freezing function, lowest temperature can reach -40 °C.	Higher grinding efficiency, reducing tissue degradation. Freezing function, lowest temperature can be -40 °C.	Lower cooling temperature can be -50 °C. low temperature freezing table. Protects samples and meets low-temperature needs for Western Blot experiments, electrophoresis, and transfer membranes.

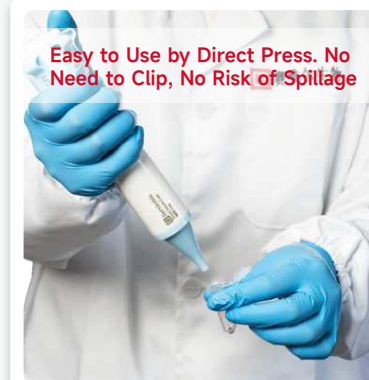
Tissue Homogenizer Adapters



Item Name	Cat. No.	Spec.	Applicable Model
Tissue Homogenizer Adapters	SWE-FP-D524	0.5 mL×24	KZ-III KZ-III-F KZ-III-FP KZ-III-96 SWE-FP
	SWE-FP-0224	2 mL×24	
	SWE-FP-0224S	2 mL×24 (Solid)	
	SWE-FP-0232	2 mL×32	
	SWE-FP-0248	2 mL×48	
	SWE-FP-0248S	2 mL×48 (Solid)	
	SWE-FP-0260	2 mL×60	
	SWE-FP-0512	5 mL×12	
	SWE-FP-1010	10×10 mL	
	SWE-FP-0506B	Steel Can 5 mL×6	
	SWE-FP-1508B	Steel Can 15 mL×8	
	SWE-FP-3004B	Steel Can 30 mL×4	
	SWE-FP-5002B	Steel Can 50 mL×2	
	SWE-FP-3004Z	Polytetrafluoroethylene 30 mL×4	
	SWE-FP-5002Z	Polytetrafluoroethylene 50 mL×2	
	SWE-FP-0296	2 mL×96	SWE-FP
	SWE-FP-9602	96-well plate×2	KZ-III-96, SWE-FP
	SWE-3D-0224	3D 2 mL×24	KZ-5F-3D
	SWE-3D-0512	3D 5 mL×12	

Beads Pen

Precise Pressing
Strictly Sterilized



Not only is it difficult to pick up with tweezers, but the exposed environment is also prone to contamination;

Cleanliness during use reduces the risk of RNA and protein degradation.



Once the zirconium beads are contaminated, there is a risk of causing sample degradation.

>> Product Features

- Easy to use by direct press. No need to clip, no risk of spillage.
- Cleanliness during use reduces the risk of RNA and protein degradation.
- Two materials optional: zirconia & steel beads.
- Three specifications optional: 2 mm, 3 mm, 4 mm.
- Beads pen capacity: 20 mL.

The following models of bead pen are irradiated and sterilized

Product Name	Cat. No.	Spec.	Beads Output Per Time / Piece	Volume	Pen Color	Beads Color
Beads Pen (Sterile, RNase & DNase Free)	SYM-02Z	Piece (Zirconia Beads 2 mm)	1, 2, 3, 4, 5	20 mL 70g (2000 pcs)	Green	White
	SYM-03Z	Piece (Zirconia Beads 3 mm)	1, 2, 3, 4	20 mL 70g (600 pcs)	Green	White
	SYM-04Z	Piece (Zirconia Beads 4 mm)	1, 2, 3	20 mL 70g (400 pcs)	Green	White
Beads Pen (Sterile)	SYM-02B	Piece (Steel Beads 2 mm)	1, 2, 3, 4, 5	20 mL 90g (2000 pcs)	Blue	Silver
	SYM-03B	Piece (Steel Beads 3 mm)	1, 2, 3, 4	20 mL 90g (600 pcs)	Blue	Silver
	SYM-04B	Piece (Steel Beads 4 mm)	1, 2, 3	20 mL 90g (400 pcs)	Blue	Silver

Grinding Beads

Grinding Beads (Steel)



Grinding Beads (Glass)



Grinding Beads (Zirconia, RNase Free)



Name	Cat. No.	Spec.	Applicable Model
Grinding Beads (Steel)	G0101-200G	1 mm 200 g	Universal
	G0102-200G	2 mm 200 g	Universal
	G0103-200G	3 mm 200 g	Universal
	G0104-200G	4 mm 200 g	Universal
Grinding Beads (Zirconia)	G0201-150G	1 mm 150 g	Universal
	G0202-150G	2 mm 150 g	Universal
	G0203-150G	3 mm 150 g	Universal
	G0204-150G	4 mm 150 g	Universal
	G0210-100G	0.1 mm 100 g	Universal
	G0250-100G	0.5 mm 100 g	Universal
Grinding Beads (Glass)	G0310-40G	0.1 mm 40 g	Universal
	G0350-40G	0.5 mm 40 g	Universal
Grinding Tube 2.0 mL	HT-200-M	500 pcs/bag	Universal

Electrophoresis Power Supply

STEP 2: ELECTROPHORESIS & STEP 3: TRANSFER

Electrophoresis Power Supply (Dual Module, Programmable)^{SPW-DSE}

What if there aren't enough electrophoresis power supplies for each experiment?

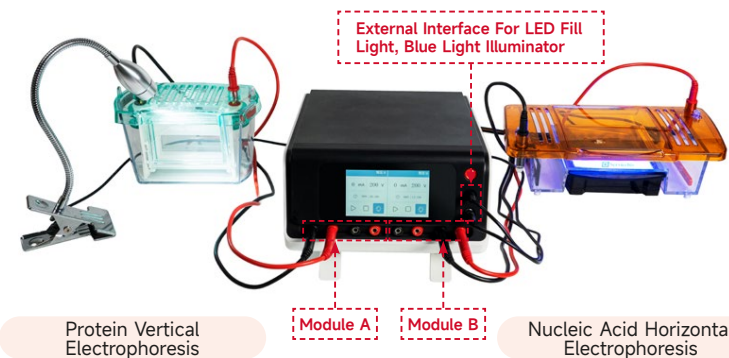
Simultaneous Electrophoresis and Transfer

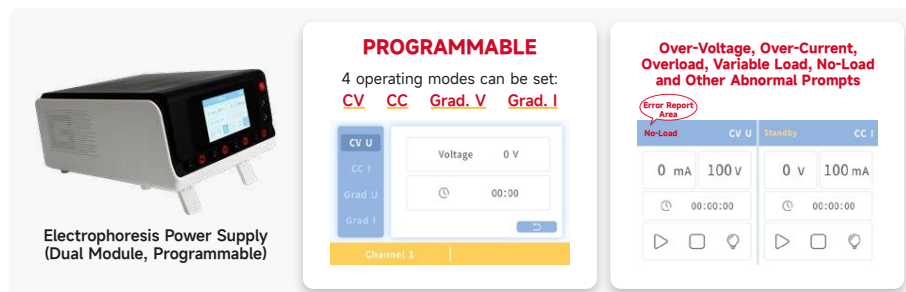
Electrophoresis

Transfer



Can Be Used To Connect Blue Light Illuminator And Gel Lamps Separately





Programmable Electrophoresis Power Supply^{SPW-6S}



>> Product Features

- Programmable electrophoresis power supply with adjustable parameters, equipped with four working modes of constant voltage, constant current, gradient voltage, and gradient current.
- Two additional 12V outputs that can be used to connect blue light illuminator and gel lamps separately;
- Multiple abnormality prompts such as overvoltage, overcurrent, overload, variable load, and no load.

Cat.No.	SPW-DSE	SPW-6S
Output Channels	Dual independent channels, 6 output ports	Single channel, 6 output ports
Output Terminals	Left and right independent dual power supply outputs, with independent control and no interference	Output ports connected in parallel
Output Parameters	500 V, 500 mA, 250 W	600 V, 600 mA, 300 W
Output Voltage Range	6 V-500 V	6 V-600 V
Output Current Range	6 mA-500 mA	6 mA-600 mA
Output Types	Constant voltage, constant current, gradient voltage, gradient current	Constant voltage, constant current, gradient voltage, gradient current
Timing Range	0-99 h 60 min	0-99 h 60 min
Pause/Resume Function	Yes	Yes
Programmable Method	Gradient voltage, gradient current, three steps	Gradient voltage, gradient current, three steps
Power-Off Memory Function	Yes	Yes
Screen Size	4 inches	4 inches
Input Power	AC 180-240V, 50/60HZ	AC 180-240V, 50/60HZ
Dimensions	265×215×120 mm	265×215×120 mm
Net Weight	2.25 kg	1.8 kg

Vertical Electrophoresis System **SVE-2**

STEP 2: ELECTROPHORESIS



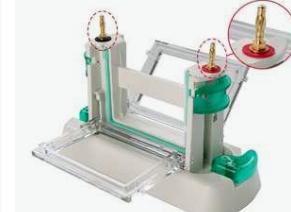
Distinctive Marking Multiple Anti-Reverse Design



No Leakage Integrated Glue Making Base



Durable Rust-Resistant Electrode Treatment



>> Product Features

- The glass plate has uniform stress on the surface, higher fitting accuracy, and consistent thickness of the gel.
- Requires less electrophoresis solution, only 300 mL is enough.
- Can be used with Servicebio SVT-2 transfer electrophoresis system.

Dimensions (L×W×H)	185×108×125 mm
Gel size (L×W)	83×73 mm

Transfer Electrophoresis System (SVT-2)

STEP 3: TRANSFER



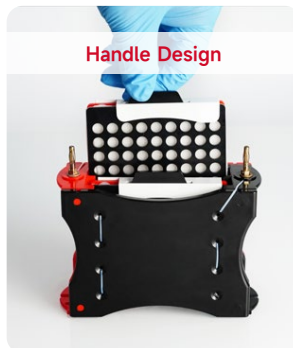
Distinct Positive and Negative



Highly Transparent Material



Handle Design



>> Product Features

- The positive and negative poles of the transfer clamp are distinct, with handle design, and easy to operate.
- The electrophoresis tank is integrally injection-molded with high-transparency polycarbonate, corrosion-resistant.
- Double-plate structure can be used with Servicebio SVE-2 electrophoresis instrument.

Dimensions (L×W×H)	185×108×125 mm
Gel size (L×W)	70×90 mm

Imaging System

STEP 4: DETECTION

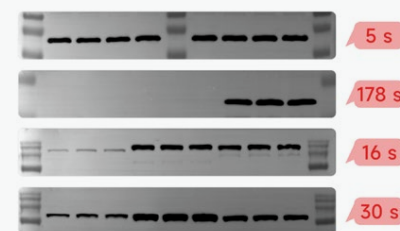
Chemiluminescence Imaging System^{SCG-W3000}



- ✓ Weak Signals Imaging
- ✓ Consider Both Strong And Weak Signals
- ✓ Adjustable Image
- ✓ High Efficient



High Efficient



Consider Both Strong And Weak Signals

Gel Imaging System^{SCG-W1000}



>> Product Features

- High-quality result images available: With a 6.3-megapixel camera and electric zoom lens, the product offers three adjustment functions - zoom, focus, and aperture - with the option of coarse, fine, and ultra-fine adjustment settings.
- Low-maintenance design: Utilizing UV LED lighting, it ensures uniform illumination, reduced power consumption, minimal heat generation, and a longer lifespan.
- Convenient gel placement: The UV transillumination stage features a clear shooting range marker that aligns perfectly with the camera's center.
- Safe gel cutting: Equipped with a UV laser protective panel with a cut-off depth exceeding OD7.
- Effortless band preservation: The imaging software comes with an intuitive image cropping feature for easy saving of desired bands.

Cat. No.	SCG-W3000	SCG-W1000	SCG-W5000
Dimension	400×371×700 mm	400×371×700 mm	400×371×700 mm
Camera	Depth-cooled high sensitivity camera	High-sensitivity camera	Depth-cooled high sensitivity camera
Resolution	3000×3000, 9 megapixels	3072×2048, 6.3 megapixels	3000×3000, 9 megapixels
Pixel	3.76×3.76 μm	2.4×2.4 μm	3.76×3.76 μm
Shooting Area	136×136 mm (expandable to 200×200 mm if required)	140×140 mm	Effective field of view for blotting film/protein gel: 136×136 mm (can be expanded to 200×200 mm if required); Effective field of view for nucleic acid gel: 200×200 mm.
Cooling Temperature	Relative ambient temperature -40 °C	-	Relative ambient temperature -40 °C
Light Source	Downward-facing LED white light, symmetrically distributed on both sides	Bright-field Light Source: Downward-facing LED white light source, symmetrically distributed on both sides. UV Light Source: 310 nm LED array for uniform transmission illumination.	Bright-field Light Source: Downward-facing LED white light source, symmetrically distributed on both sides. UV Light Source: 310 nm LED array for uniform transmission illumination.
Industrial Computer	10.4 inches, 1024×768	10.4 inches, 1024×768	10.4 inches, 1024×768
External Interface	Windows operating system	Windows operating system	Windows operating system
Working Voltage	2 USB3.0	2 USB3.0	2 USB3.0
Product Power	100 V-240 V	100 V-240 V	100 V-240 V
Net Weight	100 W	100 W	100 W
Real-Time Imaging	25 kg	30 kg	25 kg
Time Imaging	-	Yes	Yes
Time Accumulation	Yes	-	Yes
Auto Exposure	Yes	Yes	Yes
Choice of 3 Imaging Modes	Yes	-	Yes
Protein Gel/Nucleic Acid Gel Imaging	-	Yes	Yes
Nucleic Acid Gel Cutting	-	Yes	Yes

Multifunctional Imaging System^{SCG-W5000}



>> Product Features

It integrates all the functions of the chemiluminescence imaging system (SCG-W3000) and gel imaging system (SCG-W1000), enabling experiments such as WB blot membrane detection, nucleic acid gel imaging, nucleic acid gel cutting, and protein gel imaging.

General Instrument Recommendation

Dry Bath

SMB-PC

Step 1: Sample Pre-treatment



- ✓ **Programmable Cooling | Heating**
- Adjustable temperature range of 0-100 °C with both cooling and heating modes;
- Programmable with fast heating-up and precise temperature control;
- Multiple modules available for selection and timing options.

Vacuum Filter

SZY-G2L

Step 1: Sample Pre-treatment



- The filter membrane can be replaced freely;
- The vacuum filter can be sterilized by high temperature and high pressure as a whole;
- Combination set, simple installation, knob speed regulation, fast operation;
- Compact size, long battery life of vacuum pump, easy to move.

Mini Centrifuge

SMC-5000F

Step 1: Sample Pre-treatment



- ✓ **Integrated Rotor**
- 0.1 mL/0.2 mL 8-strip tube, 0.1mL/0.2mL/0.5 mL/1.5 mL/2 mL centrifuge tubes can be centrifuged at the same time;
- There are two stop modes to choose from: opening the cover for emergency stop and slow stop.

Shaker

DS-3D100

Step 2: Electrophoresis
Step 4: Detection



Multifunctional Shaker
(Horizontal+Pendulum+3D)

True 3D Mode

- 3 independent modes: pendulum, horizontal, and 3D;
- True 3D mixing with excellent effects;
- Automatic leveling upon shutdown;
- Equipped with timer and power-off memory.

Vortex Mixer

SMV-4500B

Complete Experiment Process



- ✓ **Button + Digital Display**
- Digital Speed Control, Clear and Intuitive;
- Pressure Sensor for Precise Dispensing;
- Zero-Degree Silicone Foot Pad, Extremely Shock Absorbent;
- Multiple Vibration Modules Available.

Pipette

CE Certified, Compliant with ISO 8655-2:2022 International Standard



Available in 8 Colors,
Custom Engraving at No Extra Cost

PCR Experiment Series

Making Experiments More Precise

No Leakage



PCR Plate Sealer

Precise Temperature Control



PCR System

Real-time Observation of Electrophoresis Bands



Integrated Horizontal Electrophoresis System

Recommended General Instruments



Tissue Homogenizer



Dry Bath



Vortex Mixer



Vacuum Filter



Mini Centrifuge



Pipette

Instantaneous Centrifuge for 96-well Plates



Microplate Centrifuge

PCR Plate Sealer Series

Efficient Film Sealing

Uneven scraping of film by scraper, easy to leak?



Servicebio PCR plate sealer seals the film tightly without leakage, the fastest sealing time is 20 s.



PCR Plate Sealer (Smart)^{FS-A20}



>> Product Features

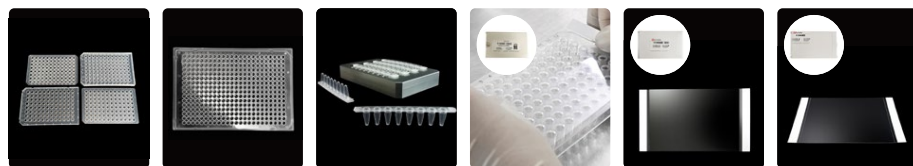
- Suitable for consumables: PCR plates, ELISA plates, 0.1 mL, 0.2 mL PCR 8-strip tube.
- Suitable for film: pressure-sensitive film, adhesive film.
- Flexible adjustment of roller pressing times and positions.
- The fastest time to complete a sealing is 20 s.
- The adapter is easy to replace and can be customized.
- Tight sealing, no evaporation, no interference with light signals, good consistency, and good repeatability.

PCR Plate Sealer (Convenient)^{FS-E30}



>> Product Features

- Tight sealing, no evaporation, no interference with light signals, good consistency, and good repeatability.
- Suitable for consumables: PCR plates, ELISA plates.
- Suitable for film: pressure-sensitive film, adhesive film.
- One sealing can be completed in 30 seconds, which is efficient.



96-well PCR Plate 384-well PCR Plate 8-strip Tube G6065 PCR Sealing Film (Pressure-Sensitive, Highly Adhesive, High Light Transmission) G6067 PCR Sealing Film (Highly Adhesive) G6068 PCR Sealing Film (Pressure-Sensitive, High Light Transmission)

Automatic Plate Heat Sealer^{FS-FH10}



Tight Sealing

>> Product Features

- Suitable for film: transparent heat-sealing film, aluminum film.
- Suitable for consumables: PCR plates, ELISA plates, 96-well deep-well plates (1.6 mL and 2.2 mL).
- Touch screen display, flexible adjustment of parameters.
- The adapter is easy to replace and can be customized.
- Tight sealing, no evaporation, no interference with light signals, good consistency, and good repeatability.

Cat.No.	FS-A20 (Smart)	FS-E30 (Convenient)	FS-FH10 (Automatic Heat Sealer)
Sealing Method	Pressure sealing	Pressure sealing	Heat sealing
Applicable Film	Pressure-sensitive film, adhesive film	Pressure-sensitive film, adhesive film	Transparent heat sealing film, Aluminum film
Applicable Consumables	PCR plate, 0.1 mL ELISA plate, 0.2 mL PCR 8-strip tube	PCR plate, ELISA plate	PCR plate, ELISA plate, 96 deep-well plate (2.2 mL&1.6 mL)
Operation Control Interface	LCD touch screen	Touch induction button	LCD touch screen
Sealing Time	20 s	30 s	Within 10 s
Heat Sealing Temperature Setting	-	-	80-200 °C
Temperature Precision	-	-	±1 °C
Temperature Uniformity	-	-	±1 °C
Power	40 W	30 W	450 W
Dimension	362×178×291 mm	472×119×143 mm	340×228×435 mm
Net Weight	7 kg	6.7 kg	15 kg

PCR System ST-9600



Experiment Scenario 1 What if the small system reagents evaporate after running PCR?

Servicebio ST-9600:

- ✓ **Intelligent temperature control effectively prevents reagent evaporation**
Module upgrades can effectively prevent evaporation in small systems ranging from 5-15 µL.

Experiment Scenario 2

What to do if the non-specific amplification that often occurs during PCR amplification due to warming or cooling?

Servicebio ST-9600:

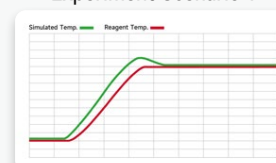
- ✓ **Intelligent inhibition of non-specific amplification**
Effectively inhibits "non-specific amplification", reagents are cooled to 10 °C when the hot cap is warmed; Refrigerate at 4-8 °C at the end of the experiment.

Experiment Scenario 3 How can PCR reaction conditions be optimized more efficiently?

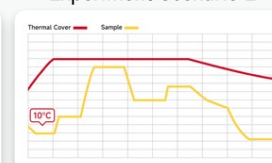
Servicebio ST-9600:

- ✓ **Optimizes PCR Reaction Conditions**
The simultaneous arrival of gradient temperatures allows experiments to study PCR reaction conditions without interference from time factors.

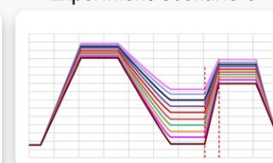
Experiment Scenario 1



Experiment Scenario 2



Experiment Scenario 3



Parameters and Performance

Product Features

Unique Tube Temperature Control Mode:
a- Accelerates sample reaching set temperature via module temperature overshoot.
b- Intelligent suppression of reagent evaporation in small systems.

Intelligent suppression of non-specific amplification;
Temperature gradient function for optimizing PCR reaction conditions;
Automatic module temperature calibration or chiller replacement prompts to ensure data reliability;
File management system with individual password setting for data protection against unauthorized modification or deletion;
Touchscreen programming for simplicity and intuitiveness.

Parameter

Cat. No.	ST-9600
Module Specification	0.2 mL×96, Aluminum
Effective Hole Position	96 wells (single tube, 8/12-strip tubes, no skirt, half skirt)
Power Max	220V~50Hz, 600VA
Dimension L×W×H Max	437 mm×250 mm×235 mm
Weight Max	9.7 kg

Function

Operating Functions	PCR parameters editing, viewing, program running, stopping, PCR amplification, hot cover, refrigeration and other functions.
Hot Lid Operating Temperature	Setting 105 °C, measured deviation is ≤ ±5 °C.
Module Refrigeration Temperature	Setting 4 °C, measured deviation ≤ ±4 °C

Microplate Centrifuge **SMP-2**

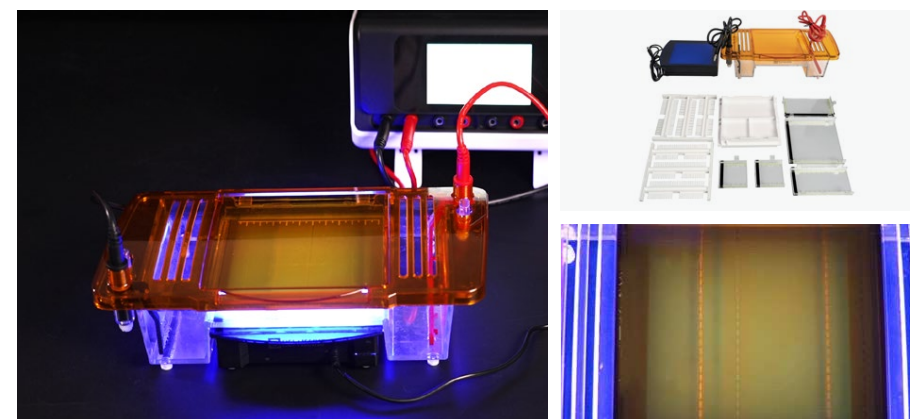


>> Product Features

- Instantaneous centrifuge designed for microplate.
- Active motor brake, 10s internal stop.
- The bottom plate counterweight, start and operation stop can keep stable without shaking.
- The operation space is large, easy to take.

Capacity	96-well PCR Plate × 2	Deceleration Time	≤ 10 s (2200-0 rpm)
Maximum Relative Centrifugal Force	550 g	Acceleration Time	≤ 10 s (0-2200 rpm)
Motor	Brushless DC	Power	24 W
Rotor	Vertical fixation	Stop When Lid Open	Support
Speed	2200 rpm	Dimensions	256×224×203 mm
Voltage	AC 100 ~ 240V, 50 ~ 60HZ	Net Weight	3.6 kg
Noise	≤ 55 dB		

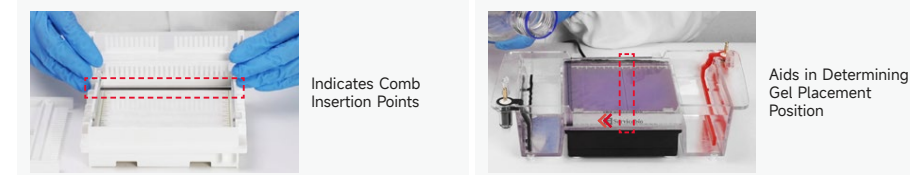
Integrated Horizontal Electrophoresis System **SVL-2**



The blue light source is safe and harmless, causing no damage to both humans and samples

No gel block movement needed, saving time by enabling simultaneous electrophoresis and band observation

Gel Tray With Black Indicator Bands



>> Product Features

- The horizontal electrophoresis tank is equipped with a blue light transilluminator as standard, the electrophoresis bands can be directly observed during the electrophoresis process.
- The transparent top cover has an open-hole design for heat dissipation and convenient observation.
- The electrode holder and electrode head can be removed for easy cleaning and maintenance.

Dimensions (L×W×H)	310×150×120 mm
Gel tray dimension (L×W)	Large gel 120×120 mm; Wide gel 60×120 mm Long gel 120×60 mm; Small gel 60×60 mm
Net weight	1 kg
Buffer capacity	260 mL

General Instrument Recommendation

Tissue Homogenizer

KZ-5F-3D



3D Cryogenic Tissue Homogenizer

3D Cryogenic Grinding

Fast speed, low temperature, better preservation of proteins and nucleic acids to prevent degradation, resulting in higher extraction yields.

Vacuum Filter

SZY-G2L



The filter membrane can be replaced freely;
The vacuum filter can be sterilized by high temperature and high pressure as a whole;
Combination set, simple installation, knob speed regulation, fast operation;
Compact size, long battery life of vacuum pump, easy to move.

Dry Bath

SMB-PC



Programmable Cooling | Heating

Adjustable temperature range of 0-100 °C with both cooling and heating modes;
Programmable with fast heating-up and precise temperature control;
Multiple modules available for selection and timing options.

Mini Centrifuge

SMC-5000F



Integrated Rotor

0.1 mL/0.2 mL 8-stip tube, 0.1 mL/0.2 mL/0.5 mL/1.5 mL/2 mL centrifuge tubes can be centrifuged at the same time;
There are two stop modes to choose from: opening the cover for emergency stop and slow stop.

Vortex Mixer

SMV-4500B



Button + Digital Display

Digital Speed Control, Clear and Intuitive;
Pressure Sensor for Precise Dispensing;
Zero-Degree Silicone Foot Pad, Extremely Shock Absorbent;
Multiple Vibration Modules Available.

Pipette

CE Certified, Compliant with ISO 8655-2:2022 International Standard



Available in 8 Colors, Custom Engraving at No Extra Cost

Cell Experiment Series

Enhanced Efficiency

Make the Experimental Workstation Cleaner and Safer



Vacuum Aspirator

Recommended General Instruments

Permanent marking that does not fade



Marking System

Pipetting easier and faster



Electronic Pipette Plus

Recommended General Instruments



Tissue Homogenizer



Rotary Mixer



Magnetic Stirrer



Vortex Mixer



Vacuum Filter



Mini Centrifuge



Pipette

Vacuum Aspirator SZY-2L



Experiment Scenario 1

Finding it cumbersome to use a regular pipette for cell supernatant removal due to multiple aspirations?

Excellent assistant for cell culture aspiration and media exchange
Suitable for various types of cell culture dishes, bottles, tubes, and well plates



Experiment Scenario 2

What if the pipette waste bottle is full and the waste liquid tends to overflow?



Anti-Overflow Design
Automatic Stop When Liquid Level Exceeds The Limit

Experiment Scenario 3

Continuous work, easy power shortage?



Large Capacity Rechargeable Battery
Long Duration (Continuous work ≥ 3 h)

>> Product Features

- Built-in battery provides convenience to bring it into a sterile operation area.
- When the collection bottle is full, it will automatically close the connection to prevent overflow.
- The quick connection head ensures the safe installation of the tube and collection bottle.
- Two control modes: foot pedal and knob control for liquid aspiration.

Battery Level Display	LED display
Maximum Aspiration Speed	1.6 L/min
Liquid Aspiration Method	Handheld liquid aspiration
Control Method	Knob switch, foot pedal switch
Weight	0.8 kg
Battery Capacity	2600 mAh
Noise	≤ 60 dB
Gas Filtration	0.45 μm hydrophobic filtration membrane
Power	6 W
Power Adapter	INPUT: 100-240 V AC50/60 Hz, 24 V, 1 A
Speed Control Method	Knob speed control
Allowed Ambient Humidity	5-40 °C 80% RH
Dimensions	147×147×286 mm
Aspirator Bottle Volume	2 L

General Instrument Recommendation

Marking System

ZY-D200



Clear text, high degree of refinement, permanent marking that does not fade

Electronic Pipette Plus

SPIP-DE50



Adaptable to all kinds of pipettes; Variable speed; Built-in stand, convenient placement; Intermittent operation for approx. 3 weeks on a 1.6h charge of the lithium battery.

3D Cryogenic Tissue Homogenizer

KZ-5F-3D



3D Cryogenic Grinding

Fast speed, low temperature, better preservation of proteins and nucleic acids to prevent degradation, resulting in higher extraction yields.

Vacuum Filter

SZY-G2L



The filter membrane can be replaced freely;
The vacuum filter can be sterilized by high temperature and high pressure as a whole;
Combination set, simple installation, knob speed regulation, fast operation;
Compact size, long battery life of vacuum pump, easy to move.

Mini Centrifuge

SMC-5000F



Composite Rotor

0.1 mL/0.2 mL 8-stip tube,
0.1 mL/0.2 mL/0.5 mL/1.5 mL/2 mL centrifuge tubes can be centrifuged at the same time;
There are two stop modes to choose from: opening the cover for emergency stop and slow stop.

Vortex Mixer

SMV-4500B



Button + Digital Display

Digital Speed Control, Clear and Intuitive;
Pressure Sensor for Precise Dispensing;
Zero-Degree Silicone Foot Pad, Extremely Shock Absorbent;
Multiple Vibration Modules Available.

Rotary Mixer

SMV-R



Samples can be gently and thoroughly mixed.
Suitable for refrigeration or incubation.
Multiple sizes and quantities of centrifuge tubes can be freely combined.

Pipette

CE Certified, Compliant with ISO 8655-2:2022 International Standard



Available in 8 Colors,
Custom Engraving at No Extra Cost

Pathological Experiment Series

Meet the User Needs

High-throughput Marking



Slide Marking System

High-throughput Tissue Processor



Auto Tissue Processor

Recommended General Instruments



Shaker



Magnetic Stirrer



Mini Centrifuge



Vortex Mixer



Pipette

Slide Marking System ZY-A100



>> Product Features

- Capable of loading 80 slides at once for continuous automatic marking or single-slide marking/coding;
- Quick-release slide loading for convenient material feeding;
- Silent fan-assisted dust extraction requires only dust filter replacement, eliminating the need for vacuum cleaner maintenance;
- Air-cooled UV laser for marking, ensuring long lifespan, compactness, reduced weight, and no need for a chiller;
- Equipped with CCD imaging positioning and AI algorithms for automatic recognition and marking, even when upside down;
- External USB and Ethernet ports for LAN connectivity and regional data transmission for marking;
- Supports WIFI connectivity for wireless data transmission.

Experiment Scenario 1

Is handwriting inefficient and error-prone when dealing with a large number of slide samples?

Servicebio ZY-A100:

- ✓ **High-throughput loading, capable of loading 35 slides at once, with each slide marked in just 13s.**

Experiment Scenario 2

Is it difficult to recognize small handwritten text in a small writing area?

Servicebio ZY-A100:

- ✓ **The text is clear and exhibits high precision**

Experiment Scenario 3

What should be done if the content written with a marker pen is prone to dissolution by reagents, leading to blurry and unclear markings?

Servicebio ZY-A100:

- ✓ **Permanent markings that never fade, achieved through laser engraving, eliminating the need for consumables like ribbons.**



Auto Tissue Processor **ATD-405**



Experiment Scenario 1

What should be done if there's a long wait time due to a large number of samples, and they can't be dehydrated and embedded promptly?

Servicebio ATD-405:

- ☑ **Each batch can process up to 405 standard embedding cassette samples.**

Experiment Scenario 2

What should be done if volatile chemicals pose a health risk due to harmful fumes?

Servicebio ATD-405:

- ☑ **The activated carbon filtration system absorbs harmful vapors, while the processing chamber's exhaust system prevents operator exposure to harmful gases.**

Experiment Scenario 3

Time-consuming and laborious to start over when the experiment doesn't work well?

Servicebio ATD-405:

- ☑ **The reduction function can reverse the process, restoring samples to their initial state when processing results are unsatisfactory, thus maximizing sample protection.**

Experiment Scenario 4

What should be done if there's a power outage during tissue dehydration?

Servicebio ATD-405:

- ☑ **Servicebio tissue processor automatically injects sample protection fluid in case of power outage, safeguarding tissues from any adverse effects.**

>> Product Features

- Handles up to 405 standard embedding cassette samples per batch;
- Activated carbon filtration system to adsorb harmful vapors;
- Self-checking function to prevent operational errors and protect samples;
- Exhaust system for processing tanks to prevent operators from exposure to harmful gases;
- Reagent pipeline cleaning function to reduce reagent cross-contamination;
- Restoration program feature for reverse processing, enabling sample recovery to its original state in case of unsatisfactory processing, maximizing sample protection.

General Instrument Recommendation

Marking System

ZY-D200



Clear text, high degree of refinement, permanent marking that does not fade

Magnetic Stirrer (Heating)

SMS-200A



Equipped with a heating temperature control system, featuring both automatic and manual modes for stirring bar tracking, intelligent speed adjustment, a mixing volume of 10L, and intelligent anti-dry-burn protection.

Shaker

DS-3D100

Step 2: Electrophoresis
Step 4: Detection



Multifunctional Shaker
(Horizontal+Pendulum+3D)

True 3D Mode

3 independent modes: pendulum, horizontal, and 3D; True 3D mixing with excellent effects; Automatic leveling upon shutdown; Equipped with timer and power-off memory.

Mini Centrifuge

SMC-5000F



Integrated Rotor

0.1 mL/0.2 mL 8-stip tube, 0.1 mL/0.2 mL/0.5 mL/1.5 mL/2 mL centrifuge tubes can be centrifuged at the same time; There are two stop modes to choose from: opening the cover for emergency stop and slow stop.

Vortex Mixer

SMV-4500B



Button + Digital Display

Digital Speed Control, Clear and Intuitive; Pressure Sensor for Precise Dispensing; Zero-Degree Silicone Foot Pad, Extremely Shock Absorbent; Multiple Vibration Modules Available.

Pipette

CE Certified, Compliant with ISO 8655-2:2022 International Standard



Available in 8 Colors, Custom Engraving at No Extra Cost

General Instruments



Manual Pipette

Experiment Scenario 1 Tired hands and low efficiency after prolonged pipetting?

Servicebio Manual Pipette: ☒ **Lightweight spring for effortless pressing.**

Experiment Scenario 2 Does the pipette not match the pipette tips you purchased?

Servicebio Manual Pipette: ☒ **Perfectly compatible with most pipette tips on the market.**

Experiment Scenario 3 Want a personalized pipette instead of the standard models?

Servicebio Manual Pipette: ☒ **8 color options and free engraving available.**

Experiment Scenario 4 Strict requirements for pipetting accuracy and product quality?

Servicebio Manual Pipette: ☒ **CE certified and compliant with ISO 8655-2:2022 international standards.**



10 Single-channel Pipettes 6 Multi-channel Pipettes





>> Product Features

- 16 different volume ranges, with multicolor markings, single and 8-channel options.
- Light weight spring design for easy pressing.
- Equipped with Servicebio pipette tips to ensure good air tightness and accurate transfer of liquid volumes.
- Perfectly matched with the majority of pipette tips in the market.
- CE certified and compliant with ISO 8655-2:2022 international standards.

Item Name	Cat.No.	Nominal Volume	Volume Range	Increment
Single Channel Pipette	SPIP-2.5	2.5 µL	0.1-2.5 µL	0.05 µL
	SPIP-10	10 µL	1-10 µL	0.1 µL
	SPIP-20L	20 µL	2-20 µL (For 10 µL and 10 µL-long tips)	0.1 µL
	SPIP-20	20 µL	2-20 µL (For 200 µL tips)	0.1 µL
	SPIP-50	50 µL	5-50 µL (For 10 µL-long tips, 10 µL tips)	0.5 µL
	SPIP-100	100 µL	10-100 µL	1 µL
	SPIP-200	200 µL	20-200 µL	1 µL
	SPIP-1000	1000 µL	100-1000 µL	5 µL
	SPIP-5000	5000 µL	1000-5000 µL	50 µL
8-Channel Pipette	SPIP-10000	10 mL	1-10 mL	100 µL
	SPIP-B10	10 µL	1-10 µL	0.1 µL
	SPIP-B20L	20 µL	2-20 µL (For 10 µL and 10 µL-long tips)	0.1 µL
	SPIP-B50	50 µL	5-50 µL (For 10 µL-long tips, 10 µL tips)	0.5 µL
	SPIP-B100	100 µL	10-100 µL	1 µL
	SPIP-B300	300 µL	50-300 µL	1 µL
	SPIP-B1000	1000 µL	100-1000 µL	5 µL

Electronic Pipette Plus **SPIP-DE50**



>> Product Features

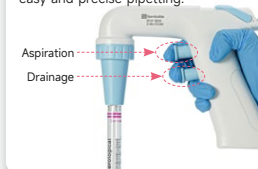
- Compatible with various pipettes: 1 mL-100 mL serological plastic or glass tubes.
- Features independent aspiration and drainage buttons with variable speed adjustment for precise control.
- Offers flexible switching between gravity and powered dispensing modes.
- LED display for straightforward battery status indication.
- Intermittent operation for approx. 3 weeks on a 1.6 h charge of the lithium battery.
- Charges via a universal Type-C port.

Experiment Scenario 1

Are you still manually adjusting the speed?

Variable Speed

Flexible speed adjustment by pressing force. No need to manually adjust the speed, easy and precise pipetting.

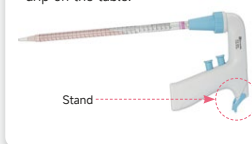


Experiment Scenario 2

Traditional pipette holders not only easily detach but also occupy a lot of space?

Built-in Stand, Convenient Placement

The electronic pipette is also very stable when the pipette is attached and the liquid does not flow back or drip on the table.



Experiment Scenario 3

Poor battery life requires constant recharging during use?

Intermittent operation for approx. 3 weeks on a 1.6h charge of the lithium battery



Battery Level Display	LED Indicator
Motor Type	Miniature vacuum pump
Aspiration Speed	50 mL<10 s
Drainage Speed	Motor-driven/ Gravity
Battery	Battery: Input: DC5V/ ≤ 0.8 A Capacity: 1800 mA
Speed Control	Pressure-sensitive infinite speed adjustment
Battery Life	3 weeks of intermittent operation
Charging Time	Approximately 1.6 h
Compatible Pipette	Serological Pipettes (1mL-100 mL)
Filter	0.22 µm, Hydrophobic PTFE membrane
Weight	185 g

Marking System ZY-D200



Experiment Scenario 1

The content written on centrifuge tubes with marker pens is easily dissolved by reagents, making it blurry and unreadable. The labels attached to cryogenic vials tend to fade after low-temperature storage, leading to loss of sample information.

Servicebio Marking System:

- ✓ Permanent marking, no fading

Experiment Scenario 2

Embedding frames and slides have small writing areas, and handwritten small letters are difficult to read.

Servicebio Marking System:

- ✓ Clear text, high precision

Experiment Scenario 3

When the number of samples is large, handwriting is inefficient and prone to errors.

Servicebio Marking System:

- ✓ Batch import of marking information, marking completed in 2s

>> Product Features

- Utilizing an air-cooled UV laser, it generates no thermal effects, requires no chiller, boasts a wide range of applications, high precision, and can mark a sample in as fast as 2 s. It's compact, long-lasting, and environmentally friendly.
- Equipped with CCD imaging positioning and AI algorithms for automatic recognition and marking, even when upside down.
- Employing a silent fan for dust extraction, it eliminates the need for a vacuum cleaner. Maintenance is simply a matter of replacing the dust screen, making it convenient and cost-effective.
- External USB and Ethernet ports for LAN connectivity and regional data transmission for marking.
- Supports WIFI connectivity for wireless data transmission.



50ml Centrifuge Tube (Tube Wall)



50ml Centrifuge Tube (Tube Cap)



15ml Centrifuge Tube (Tube Wall)



15ml Centrifuge Tube (Tube Cap)



Cryogenic Vial



Embedding Frame



Microscope Slide

7 Types of Carriers

Customizable Carriers for Different Consumables

Mini Centrifuge SMC-5000F

New Composite Rotor



>> Product Features

- Composite rotor, can centrifuge 0.1 mL/0.2 mL 8-strip tube, 0.5 mL/1.5 mL/2 mL centrifuge tubes at the same time.
- The speed is 5000 rpm, and the centrifugal force is 1700 g, with anti-skid and idling protection
- There are two stop modes to choose from: opening the cover for emergency stop and slow stop, meeting the needs of different applications
- Equipped with a brushless motor with long service life.

Composite Rotor

Can centrifuge 0.1 mL/0.2 mL 8-strip tube, 0.5 mL/1.5 mL/2 mL centrifuge tubes at the same time



2 stopping modes available: emergency stop and slow stop



Cat.No.	SMC-5000F
Speed	5000 rpm
Relative centrifugal force	About 1700 g
Sample processing volume	8×1.5/2.0 mL +10×0.5 mL centrifuge tube +2×8×0.2 mL PCR 8-strip tube
Rotor selection	Composite rotor (compatible)
Emergency stop / Slow stop	Emergency stop/Slow stop (Switchable)
Power spec.	AC 100-240 V 50/60 Hz
Dimensions	193×178×123 mm
Net weight	1.3 kg

Shaker Series

Auto Leveling

Horizontal / Pendulum Shaker (Split-type)^{SYC-FP200/SYC-FZ100}



Can Be Placed In a Refrigerator, Incubator, Chromatography Cabinet



>> Product Features

- Adopting a split-type setting, the flat wire connects the controller, and can be placed in a refrigerator, incubator, chromatography cabinet.
- Internal waterproof treatment, can adapt to high humidity, low temperature and other environments.
- Compact design, using a stepper motor, low noise, more reliable quality.
- Timer function, Power-off memory function.
- Pendulum shaker (SYC-FZ100) has the function of automatic leveling.

Horizontal / Pendulum Shaker^{SYC-P200/SYC-Z100}



SYC-P200 (Horizontal)

SYC-Z100 (Pendulum)

>> Product Features

- Compact design, using a stepper motor, low noise, more reliable quality.
- Timer function, Power-off memory function.
- Pendulum shaker (SYC-Z100) has the function of automatic leveling.

Multi-function Shaker (Horizontal+Pendulum+3D)^{DS-3D100}

High Efficient
Better Mixing



Servicebio Multi-functional
Shaker



More Prominent Even Mixing Effect

Traditional 3D Shaker



Ineffective Mixing of Middle
Components

>> Product Features

- Can be used independently in pendulum mode, horizontal mode, and 3D mode.
- When in 3D mode, you can adjust blending strength individually. Experience true three-dimensional blending for optimal mixing results.
- Automatic leveling function. Timer & power-off memory function.
- Using a stepper motor, the use of stepping motor, precise speed control, and long service life.
- Large tray & digital display screen. The bottom plate is rust-proof treated for greater durability.

Horizontal Shaker (Big Tray)^{DS-2H200}



>> Product Features

- Timer & Power-off memory functions. Large digital display screen.
- Large tray, large digital display screen; using a stepper motor, precise speed control, and long service life.
- Swinging radius: 15mm.
- The bottom plate is rust-proof treated for greater durability.

Pendulum Shaker (Big Tray)^{DS-2S100}



>> Product Features

- Using a stepper motor, the use of stepping motor, precise speed control, and long service life.
- 10 degrees swing radiation.
- Automatic leveling function. Timing & power-off memory function. Digital display large screen.
- The bottom plate is rust-proof treated for greater durability.

Horizontal Shaker (Dual-Layer)^{SYC-SP200}



>> Product Features

- Dual-layer design to accommodate more samples for simultaneous shaking and mixing.
- Multiple adjustable levels of interlayer spacing for placing samples of different heights.
- Automatic leveling to prevent sample spillage; power-off memory function, automatically resumes operation after power is restored.
- Equipped with a stepper motor for precise speed control and long service life.

Pendulum Shaker (Dual-Layer)^{SYC-SZ100}



>> Product Features

- Dual-layer design to accommodate more samples for simultaneous shaking and mixing.
- Multiple adjustable levels of interlayer spacing for placing samples of different heights.
- Automatic leveling to prevent sample spillage; Automatic leveling to prevent sample spillage; power-off memory function, automatically resumes operation after power is restored.
- Equipped with a stepper motor for precise speed control and long service life.

Horizontal Shaker (Clamps)^{SYC-WP200}



>> Product Features

- Spring grid design, providing more stable sample placement.
- Dual-layer spring bracket allows for holding shorter vessels like culture dishes and taller vessels like conical flasks.
- Automatic leveling to prevent sample spillage; power-off memory function, automatically resumes operation after power is restored.
- Equipped with a stepper motor for precise speed control and long service life.

Pendulum Shaker (Clamps)^{SYC-WZ100}



>> Product Features

- Spring grid design, providing more stable sample placement.
- Dual-layer spring bracket allows for holding shorter vessels like culture dishes and taller vessels like conical flasks.
- Automatic leveling to prevent sample spillage; power-off memory function, automatically resumes operation after power is restored.
- Equipped with a stepper motor for precise speed control and long service life.

Vortex Mixer Series

Precise Pressure
Sensing
Super Shockproof

Vortex Mixer^{SMV-4500B}



Button + Digital Display

>> Product Features

- Pressure sensor for precise on-demand recognition, ready to operate with contact.
- Zero-degree silicone pads for superior shock absorption; no sliding or spinning, ensuring no interference with other devices.
- Brushless motor for longer and more durable use.
- Multiple vibration module adapters available for selection.
- Knob control for easy operation, with adjustable speed.

Vortex Mixer^{SMV-3500}



Knob + Scale

>> Product Features

- Pressure sensor for precise on-demand recognition, ready to operate with contact.
- Zero-degree silicone pads for superior shock absorption; no sliding or spinning, ensuring no interference with other devices.
- Brushless motor for longer and more durable use.
- Multiple vibration module adapters available for selection.
- Knob control for easy operation, with adjustable speed.



Vortex Mixer Accessories



Product Name	Cat.No.	Spec.
Accessories	SMV-H	Silicone (for diameter 30 mm)
	SMV-A	Silicone (for diameter 30 mm)
	SMV-0296	For 96 PCR plate, 8-trip tube
	SMV-0220	for 1.5 mL 2 mL centrifuge tube
	SMV-1504	for 15 mL centrifuge tube

Cat.No.	SMV-3500 (Knob)	SMV-4500B (Button)
Speed Setting Range	260-3500 rpm	260-4500 rpm
Operation Mode	Knob + scale	Button + digital display
Oscillation Mode	Circumference	Circumference
Circumferential Diameter	3 mm	3 mm
Running Mode	Touch Mode / Continue Mode	Touch Mode / Continue Mode
Motor Type	Brushless DC Motor	Brushless DC Motor
Input Power	36 W	36 W
Voltage	AC100-240V/50-60Hz	AC100-240V/50-60Hz
Dimensions	140×140×127 mm	140×140×127 mm
Net Weight	4.4 kg	4.4 kg

Vertical Mixer **SMV-P**



Digital Display, Easy Operation
2 Modes Available: Timed / Continuous Operation

Experiment Scenario 1

The vortex mixer exerts too much shear force, while the shaker fails to achieve thorough mixing?

Servicebio SMV-P:

- ☑ **360° rotation, stable operation, adjustable speed, gentle yet thorough mixing**

Experiment Scenario 2

Experiments such as IP, Co-IP, and ChIP require slow overnight rotation at 4 °C

Servicebio SMV-P:

- ☑ **Compact size, fits into a refrigerator or incubator**

Experiment Scenario 3

Protein and antibody purification, extraction, tissue culture, blood sample anticoagulation, latex turbidity tests, and other experiments require simultaneous rotation and mixing of multiple samples of different sizes

Servicebio SMV-P:

- ☑ **Various clamps available, freely combine centrifuge tubes of 1.5mL to 50mL capacities**

Experiment Scenario 4

High-throughput experiments in molecular biology, biochemical reactions, immune responses, etc., require the use of microplates as reaction vessels

Servicebio SMV-P:

- ☑ **The SMV-P-H adapter can accommodate 4 microplates, such as 96-well deep well plates, PCR reaction plates, and ELISA plates.**

» Accessories

Cat. No.	Description
SMV-P-A	8×1.5 (2.0) mL+4×5 mL+8×15 (10) mL+4×50 mL
SMV-P-B	12×1.5 (2.0) mL+8×15 (10) mL+4×50 mL
SMV-P-C	40×15 (2.0) mL
SMV-P-D	40×5 mL
SMV-P-E	18×15 (10) mL
SMV-P-F	12×50 mL
SMV-P-G	6×15 (10) mL+8×50 mL
SMV-P-H	4×microplates (96-well deep well plate, PCR plate, ELISA plate, etc.)

» Parameters

Ambient Temperature	5 °C ~40 °C
Relative Humidity	<80%
Motor Type	Stepper motor
Speed Range	10-80 rpm
Time Range	1 m-99 h 59 m
Speed Display	Digital display
Operation Mode	Continue
Voltage	100-240 V, 50/60 Hz
Input Power	36 w
Dimension	395×90×136 mm
Product Weight	1.77 kg

Rotary Mixer **SMV-R**



Digital Display, Easy Operation
2 Modes Available:
Timed / Continuous Operation

» Accessories

Cat. No.	Description
SMV-R-A	6×1.5 (2.0) mL+6×5 mL+6×15 (10) mL+6×50 mL
SMV-R-B	12×1.5 (2.0) mL+6×15 (10) mL+6×50 mL
SMV-R-C	30×1.5 (2.0) mL
SMV-R-D	25×5 mL
SMV-R-E	20×15 (10) mL
SMV-R-F	10×50 mL
SMV-R-G	7×15 (10) mL+7×50 mL
SMV-R-H	Connecting rod

» Parameters

Ambient Temperature	5 °C ~40 °C
Relative Humidity	≤ 80%
Motor Type	Stepper motor
Speed Range	10-80 rpm
Time Range	1 m-99 h 59 m
Angle Range	Single layer adapter 0°-90° / Double layer adapter 50°-90°
Speed Display	Digital display
Operation Mode	Continue
Voltage	100-240 V, 50/60 Hz
Input Power	36 w
Dimension	176×260×306 mm
Product Weight	2.45 kg

Experiment Scenario 1

The vortex mixer exerts too much shear force, while the shaker fails to achieve thorough mixing?

Servicebio SMV-R:

- ✓ **360° rotation with adjustable mixing angles: single-layer adapter 0°-90° / dual-layer adapter 50°-90°, ensuring smooth operation, adjustable speed, and gentle yet thorough mixing of samples.**

Experiment Scenario 2

Experiments such as IP, Co-IP, and ChIP require slow overnight rotation at 4 °C

Servicebio SMV-R:

- ✓ **Compact size, fits into a refrigerator or incubator**

Experiment Scenario 3

Protein and antibody purification, extraction, tissue culture, blood sample anticoagulation, latex turbidity tests, and other experiments require simultaneous rotation and mixing of multiple samples of different sizes

Servicebio SMV-R:

- ✓ **Various clamps available, freely combine centrifuge tubes of 1.5mL to 50mL capacities**

Vacuum Filter **SZY-G2L**



Battery-powered base for long-lasting mobility



Experiment Scenario 1

The filters on the market require a separate vacuum pump and parameter adjustments, making them cumbersome to operate?

Servicebio SZY-G2L:

- ✓ **Our combo package of a micro diaphragm vacuum pump, bottle-top filter, and receiving flask offers simple installation, quick speed adjustment via knobs, and efficient operation.**

Experiment Scenario 2

The cost of disposable bottle-top filters and receiving flasks is too high?

Servicebio SZY-G2L:

- ✓ **With our system, you can freely replace the filter membranes, and the entire filtration unit with the microporous filter membrane installed can be sterilized using high-temperature and high-pressure methods.**

Compatible with membranes with a diameter of Ø50 mm

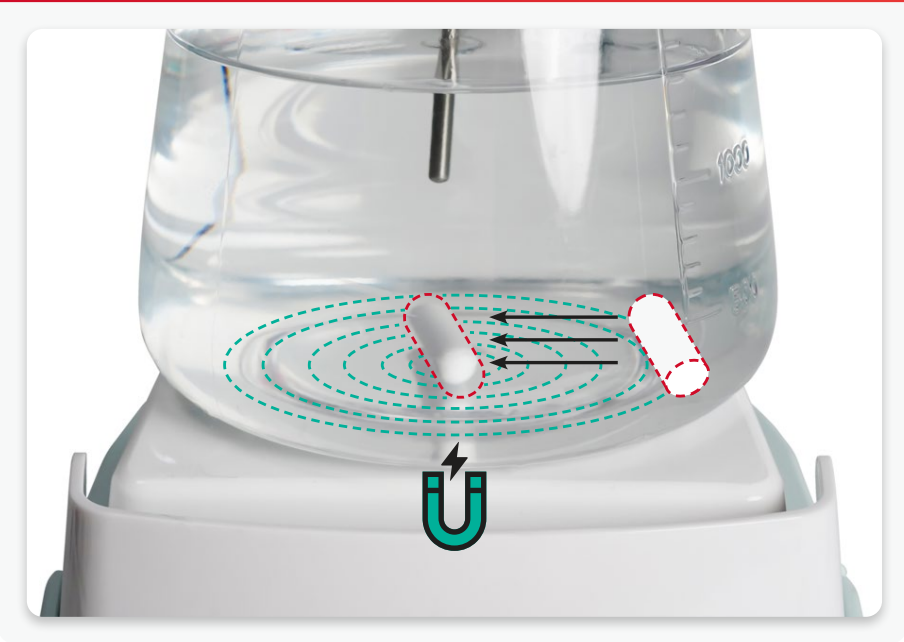


Compatible with various materials such as PES, PVDF, Nylon, etc.
 Compatible with pore sizes including 0.2, 0.22, 0.45µm, etc.

Battery Indicator	LED Display	Power	6 w
Motor Type	Micro Diaphragm Vacuum Pump	Rated Voltage	AC100-240 V 50/60 Hz
Suction Speed	>5 L/min	Power Supply Adaptation	24 V, 1 A
Filtration Type	Microporous filter membrane	Maximum Vacuum	≤ -60 Kpa (-450 mmHg)
Control Type	Knob switch	Speed Control Mode	Knob control
Weight	0.84 kg	Allowable Ambient Humidity	5-40 °C 80% RH
Battery Capacity	2600 mA	Dimension	185×155×390 mm
Noise Level	≤ 60 dB	Bottle Capacity	2 L
Gas Filtration	0.45 µm hydrophobic filter membrane		

Magnetic Stirrer Series

Auto Homing of Stirring Bar
No Interruptions to Your Experimentation Process



>> Product Features

- 10 L stirring volume, increased magnetic force.
- Automatic and manual modes. Automatic search for stir bar.
- LCD display, intuitive and clear, easy to operate.
- The side of the instrument can absorb the stir bar, which can avoid the stir bar from being lost frequently.
- Anti-collision, anti-scalding design, flame-retardant materials for safer use.

Heating Magnetic Stirrer

Magnetic Stirrer



Heating Temperature Control System
Temperature Control Accuracy up to $\pm 1\text{ }^{\circ}\text{C}$



SMS-200A

SMS-200

Cat.No.	SMS-200A	SMS-200
Tray Size	150×150 mm	140×140 mm
Heating And Stirring Function	Yes	N/A
Smart Speed Control Function	Yes	Yes
Stir Bar Tracing Function	Yes	Yes
Tray Material	Cast aluminum spraying ceramic	Plastic
Speed Range	100-2000 rpm	100-2000 rpm
Temperature Setting Range	Room temperature ~ 300 °C	N/A
Temperature Control Precision	$\pm 1\text{ }^{\circ}\text{C}$	N/A
External Temperature Sensor	PT1000	N/A
Overheat Protection	320 °C	N/A
Timing Range	1-999 h 60 min	1-999 h 60 min
Number Of Stirring Positions	1	1
Maximum Mixing Volume Per Session	10 L	10 L
Maximum Stir Bar Size	50 mm	50 mm
Input Voltage	220V 50Hz/60Hz	110-230V 50Hz/60Hz
Output Power	570W	10W
Dimensions	290×195×440 mm	290×195×68 mm
Net Weight	2.4 kg	0.79 kg
Thermal Output Power	550 W	N/A

Dry Bath Series

Programmable
Small Temperature
Difference

Dry Bath^{SMB-MH}



✓ Heating & Shaking

>> Product Features

- The oscillation speed is accurate, with small fluctuations, a brushless motor, low noise, long service life, and maintenance-free.
- Multiple modules to choose from.
- The instrument has fast heating speed, uniform heating, precise temperature control, and high stability.
- Timing function with buzzer alarm.

Dry Bath^{SMB-PC}



✓ Programming & Cooling & Heating

>> Product Features

- It is adjustable from 0-100 °C, and both cooling and heating are available, with stable temperature control.
- It can set 10 (program numbers) x 10 (program segments) = 100 program segments, and it can cycle independently for a certain program number (1-99).
- Multiple modules to choose from.
- The instrument has fast heating speed, uniform heating, precise temperature control, and high stability.
- Timing function with buzzer alarm.

Dry Bath^{SMB-C}



✓ Heating & Cooling

>> Product Features

- SMB-C can heat and cool, adjustable from 0-100 °C.
- SMB-H can only heat, room temperature +5-100 °C adjustable.
- Various modules available.
- The instrument has fast heating speed, uniform heating, precise temperature control and high stability.
- Timing, beeping alarm.

Dry Bath^{SMB-H}



✓ Heating

Stand Modules	A:1.5 mL×35
Modules Optional	B: 0.5 mL×54 C: 0.2 mL×96 D: 2.0 mL×35 E: 0.5 mL×20+1.5 mL×15 F: 5 mL×24 G: 15 mL×12 (high cover) H: 50 mL×6 (high cover) I: 0.2 mL×96 (ELISA) J: 0.2 mL×96 (full-skirted)

Cat.No.	SMB-C	SMB-H	SMB-PC	SMB-MH
Programming Function	—	—	Programmable	—
Horizontal Amplitude	—	—	—	3 mm
Speed Range	—	—	—	100-2000rpm
Temperature Control Range	0-100 °C	Room temperature +5 °C -100 °C	0-100 °C	Room temperature -100 °C
Temperature Setting Range	0-100 °C	+5 °C -100 °C	0-100 °C	Room temperature -100 °C
Timing Range	1min-99h59min	1min-99h59min	1min-99h59min	1min-99h59min
Module Temperature Stability 40-100 °C	≤ ±0.5 °C	≤ ±0.5 °C	≤ ±0.5 °C	≤ ±0.5 °C
Module Temperature Uniformity 40°C	≤ ±0.3 °C	≤ ±0.3 °C	≤ ±0.3 °C	≤ ±0.5 °C
Module Temperature Uniformity >40°C	≤ ±0.5 °C	≤ ±0.5 °C	≤ ±0.5 °C	≤ ±0.5 °C
Temperature Display Accuracy	0.1 °C	0.1 °C	0.1 °C	0.1 °C
Lifting Speed Of Heating And Cooling	≤ 15 min (20 °C -100 °C)	≤ 15 min (20 °C -100 °C)	≤ 15 min (20 °C -100 °C)	≤ 12 min (room temperature-100 °C)
Sample Processing Capacity	1 standard module	1 standard module	1 standard module	1 standard module
Input Power	AC 100V/AC 220V 50Hz/60Hz	AC 100V/AC 220V 50Hz/60Hz	AC 100V/AC 220V 50Hz/60Hz	AC 100V/AC 240V 50Hz/60Hz
Power	150 W	150 W	150 W	300 W
Fuse	250V/3A	250V/3A	250V/3A	250V/3A
Dimension	175×278×197 mm	175×278×197 mm	175×278×197 mm	178×278×226 mm
Net Weight	3.3 kg	2.2 kg	3.3 kg	10.4 kg

Instruments Summary

Tissue Homogenizer

Product Name	Cat.No.	Spec.
3D Tissue Homogenizer (Low-temperature)	KZ-5F-3D	-40 °C
Tissue Homogenizer (Low-temperature)	SWE-FP	-50 °C , with freezing table
	KZ-III-FP	-40 °C
	KZ-III-F	-10 °C
Tissue Homogenizer (Room Temperature)	KZ-III-96	96-well Plate, Room Temperature
	KZ-III	Room Temperature

Grinding Tube

Product Name	Cat.No.	Spec.
Grinding Tube 2.0 mL	HT-200-M	500 pcs/bag, 10 bags/ctn

Tissue Homogenizer Adapters

Product Name	Cat.No.	Spec.
	SWE-FP-D524	0.5 mL×24
	SWE-FP-0224	2 mL×24
	SWE-FP-0224S	2 mL×24 (Solid)
	SWE-FP-0232	2 mL×32
	SWE-FP-0248	2 mL×48
	SWE-FP-0248S	2 mL×48 (Solid)
	SWE-FP-0260	2 mL×60
	SWE-FP-0512	5 mL×12
	SWE-FP-1010	10×10 mL
Tissue Homogenizer Adapters	SWE-FP-0296	2 mL×96
	SWE-FP-9602	96-well plate×2
	SWE-FP-0506B	Steel Can 5 mL×6
	SWE-FP-1508B	Steel Can 15 mL×8
	SWE-FP-3004B	Steel Can 30 mL×4
	SWE-FP-5002B	Steel Can 50 mL×2
	SWE-FP-3004Z	Polytetrafluoroethylene 30 mL×4
	SWE-FP-5002Z	Polytetrafluoroethylene 50 mL×2
	SWE-3D-0224	3D 2 mL×24
	SWE-3D-0512	3D 5 mL×12

Beads Pen

Product Name	Cat.No.	Spec.
Beads Pen (Sterile)	SYM-02B	Piece (Steel Beads 2 mm)
	SYM-03B	Piece (Steel Beads 3 mm)
	SYM-04B	Piece (Steel Beads 4 mm)
	SYM-02Z	Piece (Zirconia Beads 2 mm)
Beads Pen (Sterile, DNase & RNase Free)	SYM-03Z	Piece (Zirconia Beads 3 mm)
	SYM-04Z	Piece (Zirconia Beads 4 mm)

Instruments Summary

Grinding Beads

Product Name	Cat.No.	Spec.
	G0101-200G	1 mm 200 g
Grinding Beads (Steel)	G0102-200G	2 mm 200 g
	G0103-200G	3 mm 200 g
	G0104-200G	4 mm 200 g
	G0201-150G	1 mm 150 g
	G0202-150G	2 mm 150 g
Grinding Beads (Zirconia)	G0203-150G	3 mm 150 g
	G0204-150G	4 mm 150 g
	G0210-100G	0.1 mm 100 g
	G0250-100G	0.5 mm 100 g
Grinding Beads (Glass)	G0310-40G	0.1 mm 40 g
	G0350-40G	0.5 mm 40 g

Tissue Homogenizer Accessories

Product Name	Cat.No.	Spec.
Tissue Homogenizer Through-Hole Plum Handle	SWR-YMY-WG-55	Piece
Tissue Homogenizer Stainless Steel Nut	SWR-YMY-WG-57	Piece

Imaging System

Product Name	Cat.No.	Spec.
Gel Imaging System	SCG-W1000	Set
Chemiluminescence Imaging System	SCG-W3000	Set
Multifunctional Imaging System	SCG-W5000	Set

Manual Pipettes

Product Name	Cat.No.	Spec.
	SPIP-2.5	Piece (0.1-2.5 µL)
	SPIP-10	Piece (1-10 µL)
	SPIP-20L	Piece (2-20 µL) for 10 µL long tips, 10 µL tips
	SPIP-20	Piece (2-20 µL) for 200 µL tips
	SPIP-50	Piece (5-50 µL) for 10 µL long tips, 10 µL tips
Single Channel Pipette	SPIP-100	Piece (10-100 µL)
	SPIP-200	Piece (20-200 µL)
	SPIP-1000	Piece (100-1000 µL)
	SPIP-5000	Piece (1000-5000 µL)
	SPIP-10000	Piece (1-10 mL)
	SPIP-B10	Piece (1-10 µL)
	SPIP-B20L	Piece (2-20 µL) for 10 µL long tips, 10 µL tips
8-Channel Pipette	SPIP-B50	Piece (5-50 µL) for 10 µL long tips, 10 µL tips
	SPIP-B100	Piece (10-100 µL)
	SPIP-B300	Piece (50-300 µL)
	SPIP-B1000	Piece (100-1000 µL)

Instruments Summary

Electronic Pipette Plus

Product Name	Cat.No.	Spec.
Electronic Pipette Plus	SPIP-DE50	Piece

Electrophoresis Series

Product Name	Cat.No.	Spec.
Electrophoresis Power Supply (Programmable)	SPW-6S	Set
Electrophoresis Power Supply (Dual Module, Programmable)	SPW-DSE	Set
Integrated Horizontal Electrophoresis System	SVL-2	Set
Vertical Electrophoresis System	SVE-2	Set
Transfer Electrophoresis System	SVT-2	Set

Electrophoresis Transfer Accessories

Product Name	Cat.No.	Spec.	Note
Gel Scraper	SVE-2-BJ	Piece	Vertical Electrophoresis System (SVE-2) Accessories
Single Gel Sealing Plate	SVE-2-DB	Piece	
Electrophoresis Wire	SVE-2-DX	Set	
Electrophoresis Tank Slot	SVE-2-HT	Piece	
Prefabricated Gel Strip	SVE-2-YZ	Set	
In-situ Gel Maker	SVE-2-ZJ	Set	Transfer Electrophoresis System (SVT-2) Accessories
Electrophoresis Main Unit (Including Platinum Wire)	SVE-2-ZT	Set	
Electrophoresis Top Cover (Including Electrophoresis Wire)	SVT-2-HG	Set	
Transfer Clip	SVT-2-JZ	Set	
Transfer Instrument Main Body	SVT-2-ZT	Set	
Trans-Blot Module	SVT-TC	Set	

Horizontal Electrophoresis Accessories

Product Name	Cat.No.	Spec.	Note
Horizontal Electrophoresis Comb	SVL-0320	3-comb 2.0 mm	Horizontal Electrophoresis (SVL-2) Accessories
	SVL-1315	13-comb 1.5 mm	
	SVL-2510	25-comb 1.0 mm	
Gel Tray	SVL-60-60	60×60	
	SVL-60-120	60×120	
	SVL-120-60	120×60	
	SVL-120-120	120×120	
Electrophoresis top cover (including electrophoresis wire)	SVL-2-HG	Piece	
Horizontal Electrophoresis System Tank (Including Platinum Wire)	SVL-2-HT	Piece	
Blue Light Illuminator	SVL-2-LD	Piece	
Horizontal Electrophoresis Gel Maker	SVL-2-ZJ	Piece	

Mini Centrifuge

Product Name	Cat.No.	Spec.
Mini Centrifuge (Upgraded, Integrated)	SMC-5000F	Set
Mini Centrifuge (Upgraded)	MS6000	Set
Mini Centrifuge (Regular)	MC-700	Set
Microplate Centrifuge (PCR Plate Dedicated)	SMP-2	Set

Instruments Summary

Shaker

Product Name	Cat.No.	Spec.
Horizontal Shaker (Split-type)	SYC-FP200	Set
Pendulum Shaker (Split-type)	SYC-FZ100	Set
Multi-function Shaker (Horizontal+Pendulum+3D)	DS-3D100	Set
Horizontal Shaker (Big Tray)	DS-2H200	Set
Pendulum Shaker (Big Tray)	DS-2S100	Set
Horizontal Shaker	SYC-P200	Set
Pendulum Shaker	SYC-Z100	Set
Horizontal Shaker (Dual-layer)	SYC-SP200	Set
Pendulum Shaker (Dual-layer)	SYC-SZ100	Set
Horizontal Shaker (Clamps)	SYC-WP200	Set
Pendulum Shaker (Clamps)	SYC-WZ100	Set

Magnetic Stirrer

Product Name	Cat.No.	Spec.
Heating Magnetic Stirrer (Smart)	SMS-200A	Set
Magnetic Stirrer (Smart)	SMS-200	Set
Magnetic Stirrer (Basic)	MS-150	Set
Magnetic Stir Bar	WGA0021	1.5 cm
	WGA0022	3 cm
	WGA0023	5 cm

Vortex Mixer

Product Name	Cat.No.	Spec.
Vortex Mixer (Button + Digital)	SMV-4500B	Set
Vortex Mixer (Knob + Scale)	SMV-3500	Set
Rotary Mixer	SMV-R	Set
Vertical Mixer	SMV-P	Set

Vortex Mixer Adapters

Product Name	Cat.No.	Spec.
Vortex Mixer Adapters	SMV-0220	Suitable for 1.5 mL, 2 mL centrifuge tube
	SMV-0296	Suitable for 96-well plate, 8-stip tubes
	SMV-1504	Suitable for 15 mL centrifuge tube
	SMV-A	Silicone (suitable for diameter <30 mm)
	SMV-H	Silicone (suitable for diameter <108 mm)

Dry Bath

Product Name	Cat.No.	Spec.
Dry Bath (Heating, Shaking)	SMB-MH	Set
Dry Bath (Programmable, Heating, Cooling)	SMB-PC	Set
Dry Bath (Heating, Cooling)	SMB-C	Set
Dry Bath (Heating)	SMB-H	Set

Instruments Summary

Dry Bath Adapters

Product Name	Cat.No.	Spec.
Dry Bath Adapters	SMB-C 1535	1.5 mL×35
	SMB-C 2035	2.0 mL×35
	SMB-C 200U96	200 µL×96
	SMB-C 200U96M	200 µL×96-well ELISA plate
	SMB-H 1535	1.5 mL×35
	SMB-H 2035	2.0 mL×35
	SMB-H 200U96	200 µL×96
	SMB-H 200U96M	200 µL×96-well ELISA plate
	SMB-H/C 020515	0.2+0.5+1.5 (mL)
	SMB-H/C 0215	32×0.2 mL+25×1.5 mL
	SMB-H/C 0554	0.5 mL×54
	SMB-H/C 5024	5 mL×24
	SMB-H/C 10M15	10 mL×15
	SMB-H/C 15M12	15 mL×12
	SMB-H/C 50M6	50 mL×6

PCR System

Product Name	Cat.No.	Spec.
PCR System	ST-9600	Set

PCR Plate Sealer

Product Name	Cat.No.	Spec.
PCR Plate Film Sealer (Smart)	FS-A20	Set
PCR Film Sealer (Convenient)	FS-E30	Set
Automatic Plate Heat Sealer	FS-FH10	Set

PCR Plate Sealer Adapters

Product Name	Cat.No.	Spec.
FS-A20 PCR Plate Film Sealer, 8 strip Adapter	FS-A20-64	Pcs
FS-A20 PCR Plate Film Sealer Adapter (96-well)	FS-A20-96	Pcs
FS-A20 PCR Plate Film Sealer Adapter (384-well)	FS-A20-384	Pcs
FS-E30 PCR Film Sealer Adapter (96-well)	FS-E30-96	Pcs
FS-E30 Film Sealer Adapter (384-well)	FS-E30-384	Pcs

Vacuum Aspirator

Product Name	Cat.No.	Spec.
Vacuum Aspirator	SZY-2L	Set
Vacuum Aspirator Adapter	SZY-2L-Y	Standard
Vacuum Aspirator Adapter	SZY-2L-CY	Lengthened
Vacuum Aspirator Adapter	SZY-2L-YB200	200 µL, 8-channel
Pipetting Bottle	SZY-2L-SJP	2 L
Vacuum Aspirator Handle	SZY-2L-WS	Piece
Pedal Switch	SZY-2L-JT	Piece

Instruments Summary

Vacuum Filter

Product Name	Cat.No.	Spec.
Vacuum Filter	SZY-G2L	Set

Tissue Processor

Product Name	Cat.No.	Spec.
Tissue Processor	ATD-405	Set

Marking System

Product Name	Cat.No.	Spec.
Marking System	ZY-D200	Set
Slide Marking System	ZY-A100	Set

Tissue Chip Production

Product Name	Cat.No.	Spec.
Wax Heater	SWE-TC	Set
1.0 mm Tissue Microarrays Handle	SH-10	Aperture 1.0 mm/pcs
1.5 mm Tissue Microarrays Handle	SH-15	Aperture 1.5 mm/pcs
2.0 mm Tissue Microarrays Handle	SH-20	Aperture 2.0 mm/pcs
3.0 mm Tissue Microarrays Handle	SH-30	Aperture 3.0 mm/pcs
5.0 mm Tissue Microarrays Handle	SH-50	Aperture 5.0 mm/pcs
Wax Block Base	RP-10	1.0 mm 15×20
	RP-15	1.5 mm 10×16
	RP-20	2.0 mm 8×12
	RP-30	3.0 mm 5×9
	RP-50	5.0 mm 3×5

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