RADOBIO

CATALOGUE OF PRODUCT

Incubator | Shaker | Cell Culture Consumables
Clean Workbench | Biosafety Cabinet | Water Bath

GOOD SOLUTIONS FOR CELL CULTIVATION

RADOBIO SCIENTIFIC CO.,LTD.

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RADOBIO

RADOBIO SCIENTIFIC CO.,LTD.

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Good Solutions For Cell Cultivation

RADOBIO

ISO 9001 质量体系认证 CE 欧盟CE认证 6th ANNIVERSARY

RADOBIO SCIENTIFIC CO.,LTD is committed to be a professional supplier of cell culture solutions, focusing on the development of culture environment control technologies such as temperature, humidity, gas concentration, dynamic and static for animal and microbial cell culture, and providing cell culture instruments and consumables to scientists around the world with innovative technology.

Core Products

Incubator
Shaker
Clean Workbench
Biosafety Cabinet
Water Bath
Cell Culture Consumables

Company Profile

1. Innovation and Quality

We focus on innovation and quality to provide superior products and quality services for cell culture production and research. With our experienced industry technical experts and marketing management team, we will continue to develop new products that meet the needs of the biopharmaceutical, vaccine development, cell therapy and gene therapy markets.

2.Production and Equipment

With a forward-looking vision and higher technical requirements, radobio has established a 5000 square meters R&D and production workshop and invested in perfect large-scale processing equipment, which provides a timely guarantee for the iterative update of our products.

3. R&D Team

In order to further enhance the company's technical research and development capabilities, radobio has absorbed technical experts from the University of Texas and Shanghai Jiaotong University at any cost, including mechanical engineers, electrical engineers, software engineers and PhD in biology, etc. In addition to providing high quality equipment, cell culture validation tests based on a 500 square meter cell biology laboratory ensure the scientific applicability to biology.

4.Product Value

Radobio always insists on innovation, strives for breakthroughs, and meticulously satisfies customers' demanding requirements, aiming to manufacture products with world-leading quality. We provide cost-effective products and more timely and perfect after-sales service for customers all over the world. Based in China and looking to the world, our products have been exported to more than ten overseas countries and regions, including Europe, USA, Japan and Korea, Southeast Asia and Middle East.

FOR STATIC CELL CULTURE

C180
High Heat Sterilization CO2 Incubator

C180 CO2 incubator adopts 6-sided direct heat control with temperature uniformity up to ±0.2℃; 140°C dry heat autoclaving function can achieve complete sterilization; infrared (IR) CO2 concentration detector for precise control; touch control panel can easily view historical data curves and export historical data with one click. Built-in HEPA air filtration system, which provides continuous protection against harmful airborne contaminants in the culture environment.

Product Features

- 6-side direct heat system temperature uniformity ±0.2℃
- 140℃ high temperature dry heat sterilization
- ISO Class 5 HEPA filtered airflow system
- Circulating airflow technology ensures uniformity of temperature and humidity
- 304 stainless steel cavity with rounded corners, beautiful and easy to clean
- Removable shelf holder, no additional tools required
- 5-inch LCD touch screen, simple and intuitive to operate, data exportable

FOR STATIC CELL CULTURE

- Six-sided direct heat system
- 140°C high heat sterilization
- Temperature uniformity up to ±0.2°C
- HEPA air filters keep the air clean

Technical Details

Cat.No.	C180
Control interface	5 inch LCD touch screen
Temperature control mode	PID control mode
Temperature control range	Ambient℃+4°C~60°C
Temperature display resolution	0.1℃
Temperature stability	±0.1℃
Temperature field uniformity	±0.2℃ (at 37℃)
Heating power	900 W
Timer function	0-999.9hours
Internal Dimensions(W x D x H)	535 x 525 x 675mm
Dimension(W x D x H)	660 x 650 x 1000mm
Volume	185L
CO2 measurement principle	Infrared (IR) detection
CO2 control range	0 - 20%
CO2 display resolution	0.10 %
CO2 supply	0.5~1bar(0.05~0.1MPa) recommended
Relative Humidity	Ambient humidity ~95% at 37°C
Temperature recovery time	≤10 min (open door 30sec room temperature 25°C set value 37°C)
CO2 concentration recovery time	≤5 min (open door 30sec set value 5%)
HEPA filtration	ISO Class 5, 5 minutes
Sterilization method	140°C high heat sterilization
Working environment temperature	10℃~ 30℃
Historical data storage	250,000 messages
Power supply	115V~230V±10%, 50~60Hz
Weight	112kg
Scalability	Up to 2 units can be stacked

Incubator

FOR STATIC CELL CULTURE

C80
High Heat Sterilization CO2 Incubator

C80 CO2 incubator adopts 6-sided direct heat control with temperature uniformity up to ±0.2℃; 140°C dry heat autoclaving function can achieve complete sterilization; infrared (IR) CO2 concentration detector for precise control; touch control panel can easily view historical data curves and export historical data with one click. Built-in HEPA air filtration system, which provides continuous protection against harmful airborne contaminants in the culture environment.

Product Features

- 6-side direct heat system temperature uniformity ±0.2℃
- 140℃ high temperature dry heat sterilization
- ISO Class 5 HEPA filtered airflow system
- Circulating airflow technology ensures uniformity of temperature and humidity
- 304 stainless steel cavity with rounded corners, beautiful and easy to clean
- Removable shelf holder, no additional tools required
- 5-inch LCD touch screen, simple and intuitive to operate, data exportable

FOR STATIC CELL CULTURE

- Six-sided direct heat system
- 140°C high heat sterilization
- Temperature uniformity up to ±0.2°C
- HEPA air filters keep the air clean

Technical Details

Cat.No.	C80		
Control interface	5 inch LCD touch screen	CO2 display resolution	0.10 %
Temperature control mode	PID control mode	CO2 supply	0.5~1bar(0.05~0.1MPa) recommended
Temperature control range	Ambient℃+4℃~60℃	Relative Humidity	Ambient humidity ~95% at 37℃
Temperature display resolution	0.1℃	Temperature recovery time	≤10 min (open door 30sec room temperature 25℃ set value 37℃)
Temperature stability	±0.1℃	CO2 concentration recovery time	≤5 min (open door 30sec set value 5%)
Temperature field uniformity	±0.2℃ (at 37℃)	HEPA filtration	ISO Class 5, 5 minutes
Heating power	500 W	Sterilization method	140°C high heat sterilization
Timer function	0-999.9hours	Working environment temperature	10℃~ 30℃
Internal Dimensions(W x D x H)	440 x400 x 500mm	Historical data storage	250,000 messages
Dimension(W x D x H)	560x 530x 825mm	Power supply	115V~230V±10%, 50~60Hz
Volume	85L	Weight	78kg
CO2 measurement principle	Infrared (IR) detection	Scalability	Up to 2 units can be stacked
CO2 control range	0 - 20%		

FOR STATIC CELL CULTURE

C240
High Heat Sterilization CO2 Incubator

C80 CO2 incubator adopts 6-sided direct heat control with temperature uniformity up to ±0.2℃; 140°C dry heat autoclaving function can achieve complete sterilization; infrared (IR) CO2 concentration detector for precise control; touch control panel can easily view historical data curves and export historical data with one click. Built-in HEPA air filtration system, which provides continuous protection against harmful airborne contaminants in the culture environment.

Product Features

- 6-side direct heat system temperature uniformity ±0.2℃
- 140℃ high temperature dry heat sterilization
- ISO Class 5 HEPA filtered airflow system
- Circulating airflow technology ensures uniformity of temperature and humidity
- 304 stainless steel cavity with rounded corners, beautiful and easy to clean
- Removable shelf holder, no additional tools required
- 5-inch LCD touch screen, simple and intuitive to operate, data exportable

Incubator

FOR STATIC CELL CULTURE

- Six-sided direct heat system
- 140°C high heat sterilization
- Temperature uniformity up to ±0.2°C
- HEPA air filters keep the air clean

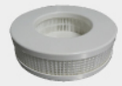
Technical Details

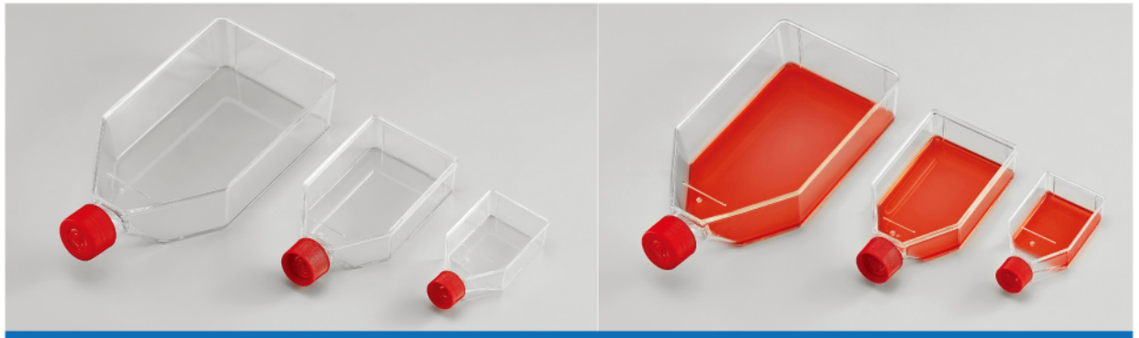
Cat.No.	C240
Control interface	5 inch LCD touch screen
Temperature control mode	PID control mode
Temperature control range	Ambient℃+4℃~60℃
Temperature display resolution	0.1℃
Temperature stability	±0.1℃
Temperature field uniformity	±0.2℃
Heating power	1000W
Timer function	0-999.9hours
Internal Dimensions(W x D x H)	675 x 526 x 675mm
Dimension(W x D x H)	800 x 650 x 1000mm
Volume	248L
CO2 measurement principle	Infrared (IR) detection
CO2 control range	0-20%

CO2 display resolution	0.10 %
CO2 supply	0.5~1bar(0.05~0.1MPa) recommended
Relative Humidity	Ambient humidity ~95% at 37°C
Temperature recovery time	≤10 min (open door 30sec room temperature 25°C set value 37°C)
CO2 concentration recovery time	≤5 min (open door 30sec set value 5%)
HEPA filtration	ISO Class 5, 5 minutes
Sterilization method	140°C high heat sterilization
Working environment temperature	10℃~ 30℃
Historical data storage	250,000 messages
Power supply	115V~230V±10%, 50~60Hz
Weight	132kg
Scalability	Up to 2 units can be stacked

Accessory

INCUBATOR ACCESSORIES TABLE

Accessory Picture	Accessory Name	Cat.No.
	HEPA Filter	HC015
	Access Port Filter	HC005
	Shelf	HC003



Cell Culture Flask

Key features

- Made of high clarity medical grade, 100% virgin polystyrene
- Non-Pyrogenic, DNase/RNase free
- Clear graduations
- Notched bottom for slip free stacking
- Clear lot number for batch traceability
- Packaged in sterile, zip-sealable bags
- E-beam sterilizationMade

Application	Product Name	Cat.No.	Quantity
For adherent cell culture	TC-Treated Cell Culture Flasks, 175cm²,Vent Cap	CCF025	300/CASE
	TC-Treated Cell Culture Flasks, 175cm²,Vent Cap	CCF075	90/CASE
	TC-Treated Cell Culture Flasks, 175cm²,Vent Cap	CCF175	50/CASE

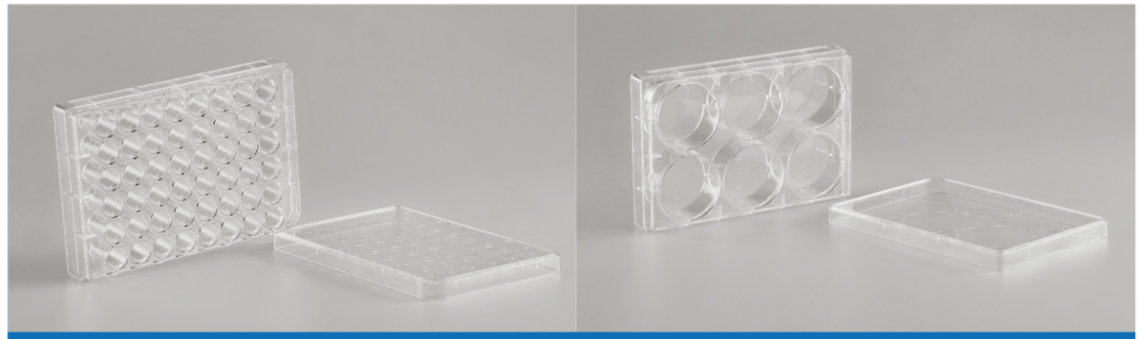
Cell Culture Dish

Key features

- USP Class VI, high clarity, 100% virgin polystyrene
- Uniform well volume ensures equal growth surface area
- Fool-proof design of lid with condensation ring to reduce evaporation and prevent cross-contamination
- Wells are labeled with alphanumeric code for easy identification
- Stackable for easy storage and handling
- Vacuum plasma TC treatment, excellent cell adherence
- Sterilized by E-beam, Non-Pyrogenic, DNase/RNase free

Application	Product name	Cat.No.	Quantity
For adherent cell culture	TC-Treated Cell Culture Dishes (100mm)	CCD100	300/CASE
	TC-Treated Cell Culture Dishes (60mm)	CCD060	500/CASE
	TC-Treated Cell Culture Dishes (35mm)	CCD035	500/CASE

Cell Culture Consumables



Cell Culture Plate

Key features

- USP Class VI, high clarity, 100% virgin polystyrene
- Uniform well volume ensures equal growth surface area
- Fool-proof design of lid with condensation ring to reduce evaporation and prevent cross-contamination
- Wells are labeled with alphanumeric code for easy identification
- Stackable for easy storage and handling
- Vacuum plasma TC treatment, excellent cell adherence
- Sterilized by E-beam, Non-Pyrogenic, DNase/RNase free
- Heat-melting adhesive with Dupont Tyvek, individually packaged

Application	Product name	Cat.No.	Quantity
For adherent cell culture	TC-Treated Cell Culture Plates (6Well)	CCP006	50/CASE
	TC-Treated Cell Culture Plates (12Well)	CCP012	50/CASE
	TC-Treated Cell Culture Plates (24Well)	CCP024	50/CASE
	TC-Treated Cell Culture Plates (48Well)	CCP048	50/CASE
	TC-Treated Cell Culture Plates (96Well)	CCP096	65/CASE

Serological Pipette

- Pipettes are individually packaged in paper-plastic bags, and different colors are used to distinguish different sizes of pipettes
- Polyolefin filter cartridge to prevent contamination
- Minimizes liquid adhesion to the inner surface of Pipette, improving sampling accuracy
- Clear and concise scale, with negative scale for extra volume, for easy liquid aspiration and reading

Key features

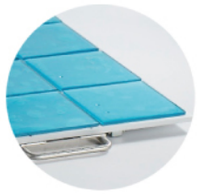
Application	Product Name	Cat.No.	Quantity
For pipetting	Disposable serological pipettes, 1ml, Individually wrapped, Sterile	DSP01	1000/CASE
	Disposable serological pipettes, 2ml, Individually wrapped, Sterile	DSP02	500/CASE
	Disposable serological pipettes, 5ml, Individually wrapped, Sterile	DSP05	200/CASE
	Disposable serological pipettes, 10ml, Individually wrapped, Sterile	DSP10	200/CASE
	Disposable serological pipettes, 25ml, Individually wrapped, Sterile	DSP25	200/CASE
	Disposable serological pipettes, 50ml, Individually wrapped, Sterile	DSP50	100/CASE

FOR SUSPENSION CELL CULTURE

FOR SUSPENSION CELL CULTURE

CS315
UV Sterilization Stackable CO2 Incubator Shaker

CS315 is suitable for all types of cell culture, including CHO, hybridoma, mammalian cells, insect cells, etc. It is the most complete culture device for biological culture before entering fermenter culture. CS315 features unique bearing technology for stable start-up and virtually noiseless operation, even with multiple layers stacked without abnormal vibration. The unique air circulation system ensures a high degree of temperature field uniformity. It can be stacked up to 2 or 3 layers for more space-saving laboratory use.



Key Features

- 7 inch LCD touch control panel, simple and intuitive to operate
- Active humidity control function (optional)
- Built-in blackout curtain can be pushed and pulled easily to avoid light cultivation
- Intelligent remote control function (optional)
- Double glass doors for excellent insulation and safety
- Door heating function prevents fogging of the glass door
- Multi-UV sterilization system for better sterilization effect
- Environmentally friendly, odor-free sticky pad material
- All stainless steel rounded corners of the integrated cavity,
- Machine operation is nearly silent, multi-layer stacked high-speed operation without abnormal vibration
- Heatless waterproof fan ensures uniformity of temperature,
- Push-pull aluminum tray for easy placement of culture containers
- Flexible placement, stackable, effective in saving lab space
- Multi-safety design for user and sample safety

FOR SUSPENSION CELL CULTURE

- 7 inch LCD touch control panel
- Door heating function
- Intelligent remote control function (optional)
- Built-in sliding blackout curtain
- Multi-UV sterilization system

Technical Details

Cat.No.	CS315
Control interface	7 inch LCD touch operation screen
Rotation speed	2 ~300rpm
Speed control accuracy	1rpm
Shaking throw	50mm (Customization is available)
Temperature control mode	PID control mode
Temperature control range	4℃ ~60℃
Temperature display resolution	0.1℃
Temperature fluctuation	±0.1℃
Temperature field uniformity	±0.3℃
Heating power	1300W
Timing function	0-999.9hours
Tray size	520x880 mm
Maximum load	50 kg
Tray capacity of shake flask	60x250ml or 40x500ml 24x1000ml or 15x2000ml 15x3000ml or 8x5000ml
Dimension (W x D x H)	L1330 x W820 x H620mm (one unit) L1330 x W820 x H1170mm (two units) L1330 x W820 x H1725mm (three units)
Internal usable height	340mm
Volume	315L
Illumination	FI tube,30W
CO2 measurement principle	Infrared (IR) detection
CO2 control range	0-20%
CO2 display resolution	0.10%
CO2 supply	0.05~0.1MPa is recommended
Push-pull blackout curtain	build-in
Sterilization method	UV sterilization
Historical data storage	800,000 messages
Data export interface	USB interface
Working environment temperature	5℃~ 35℃
Power supply	115V~230V±10%, 50~60Hz
Weight	220kg per unit

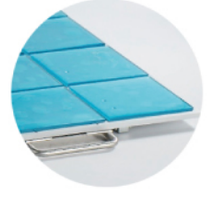
FOR SUSPENSION CELL CULTURE

CS160
UV Sterilization Stackable CO2 Incubator Shaker

CS160 is suitable for all types of cell culture, including CHO, hybridoma, mammalian cells, insect cells, etc. It is the most complete culture device for biological culture before entering fermenter culture. CS160 features unique bearing technology for stable start-up and virtually noiseless operation, even with multiple layers stacked without abnormal vibration. The unique air circulation system ensures a high degree of temperature field uniformity. It can be stacked up to 2 or 3 layers for more space-saving laboratory use.

Key Features

- 7 inch LCD touch control panel, simple and intuitive to operate
- Active humidity control function (optional)
- Built-in blackout curtain can be pushed and pulled easily to avoid light cultivation
- Intelligent remote control function (optional)
- Double glass doors for excellent insulation and safety
- Door heating function prevents fogging of the glass door
- Multi-UV sterilization system for better sterilization effect
- Environmentally friendly, odor-free sticky pad material
- All stainless steel rounded corners of the integrated cavity,
- Machine operation is nearly silent, multi-layer stacked high-speed operation without abnormal vibration
- Heatless waterproof fan ensures uniformity of temperature,
- Push-pull aluminum tray for easy placement of culture containers
- Flexible placement, stackable, effective in saving lab space
- Multi-safety design for user and sample safety



FOR SUSPENSION CELL CULTURE

- 7 inch LCD touch control panel
- Door heating function
- Intelligent remote control function (optional)
- Built-in sliding blackout curtain
- Multi-UV sterilization system

Technical Details

Cat.No.	CS160	Dimension (W x D x H)	L1000 x W725 x H625mm (one unit) L1000 x W725 x H1180mm (two units) L1000 x W725 x H1730mm (three units)
Control interface	7 inch LCD touch operation screen	Internal usable height	340mm
Rotation speed	2 ~300rpm	Volume	160L
Speed control accuracy	1rpm	Illumination	FI tube,30W
Shaking throw	50mm (Customization is available)	CO2 measurement principle	Infrared (IR) detection
Temperature control mode	PID control mode	CO2 control range	0-20%
Temperature control range	4℃ ~60℃	CO2 display resolution	0.10%
Temperature display resolution	0.1℃	CO2 supply	0.05~0.1MPa is recommended
Temperature fluctuation	±0.1℃	Push-pull blackout curtain	build-in
Temperature field uniformity	±0.3℃	Sterilization method	UV sterilization
Heating power	1300W	Historical data storage	800,000 messages
Timing function	0-999.9hours	Data export interface	USB interface
Tray size	590 x 465mm	Working environment temperature	5℃~ 35℃
Maximum load	35 kg	Power supply	115V~230V±10%, 50~60Hz
Tray capacity of shake flask	35x250ml or 24x500ml 15x1000ml or 8x2000ml 6x3000ml or 4x5000ml	Weight	145kg per unit

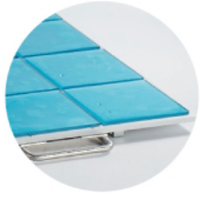
FOR SUSPENSION CELL CULTURE

CS310
UV Sterilization Stackable CO2 Incubator Shaker

CS310 is suitable for all types of cell culture, including CHO, hybridoma, mammalian cells, insect cells, etc. It is the most complete culture device for biological culture before entering fermenter culture. CS310 features unique bearing technology for stable start-up and virtually noiseless operation, The vertical design is more suitable for human use habits, and the clever design of the internal double tray culture not only expands the space, but also provides more choices for the user's use needs.

Key Features

- 7 inch LCD touch control panel, simple and intuitive to operate
- Active humidity control function (optional)
- Built-in blackout curtain can be pushed and pulled easily to avoid light cultivation
- Intelligent remote control function (optional)
- Double glass doors for excellent insulation and safety
- Door heating function prevents fogging of the glass door
- Multi-UV sterilization system for better sterilization effect
- Environmentally friendly, odor-free sticky pad material
- All stainless steel rounded corners of the integrated cavity,
- Machine operation is nearly silent, multi-layer stacked high-speed operation without abnormal vibration
- Heatless waterproof fan ensures uniformity of temperature,
- Flexible choice of double-layer shaking culture or one layer of shaking culture and one layer of static culture
- Small footprint, suitable for limited laboratory space
- Multi-safety design for user and sample safety



FOR SUSPENSION CELL CULTURE

- 7 inch LCD touch control panel
- Door heating function
- Intelligent remote control function (optional)
- Ultra-quiet operation
- Multi-UV sterilization system

Technical Details

Cat.No.	CS310	Dimension (W x D x H)	L710 x W780 x H1080mm
Control interface	7 inch LCD touch operation screen	Internal usable height	578mm
Rotation speed	2 ~300rpm	Volume	310L
Speed control accuracy	1rpm	Illumination	Fl tube,30W
Shaking throw	50mm (Customization is available)	CO2 measurement principle	Infrared (IR) detection
Temperature control mode	PID control mode	CO2 control range	0-20%
Temperature control range	4℃ ~60℃	CO2 display resolution	0.10%
Temperature display resolution	0.1℃	CO2 supply	0.05~0.1MPa is recommended
Temperature fluctuation	±0.1℃	Push-pull blackout curtain	build-in
Temperature field uniformity	±0.3℃	Sterilization method	UV sterilization
Heating power	1300W	Historical data storage	800,000 messages
Timing function	0-999.9hours	Data export interface	USB interface
Tray size	500 x 500mm	Working environment temperature	5℃~ 35℃
Maximum load	35 kg	Power supply	115V~230V±10%, 50~60Hz
Tray capacity of shake flask	25x250ml or 16x500ml 9x1000ml or 4x2000ml 4x3000ml or 4x5000ml	Weight	170kg

FOR SUSPENSION CELL CULTURE

CS70
UV Sterilization Stackable CO2 Incubator Shaker

CS70 is suitable for all types of cell culture, including CHO, hybridoma, mammalian cells, insect cells, etc. It is the most complete culture device for biological culture before entering fermenter culture. CS70 features unique bearing technology for stable start-up and virtually noiseless operation. The small size design is more suitable for low throughput multiple culture conditions, because of the small footprint, even in limited laboratory space can be installed and used. It can be stacked up to 2 layers for more space-saving laboratory use.

Key Features

- 7 inch LCD touch control panel, simple and intuitive to operate
- Active humidity control function (optional)
- Built-in blackout curtain can be pushed and pulled easily to avoid light cultivation
- Intelligent remote control function (optional)
- Double glass doors for excellent insulation and safety
- Door heating function prevents fogging of the glass door
- Multi-UV sterilization system for better sterilization effect
- Environmentally friendly, odor-free sticky pad material
- All stainless steel rounded corners of the integrated cavity,
- Machine operation is nearly silent, multi-layer stacked high-speed operation without abnormal vibration
- Heatless waterproof fan ensures uniformity of temperature,
- Small footprint, even in limited laboratory space can be installed and used
- Flexible placement, stackable, effective in saving lab space
- Multi-safety design for user and sample safety

FOR SUSPENSION CELL CULTURE

- 7 inch LCD touch control panel
- Door heating function
- Intelligent remote control function (optional)
- Ultra-quiet operation
- Multi-UV sterilization system

Technical Details

Cat.No.	CS70		
Control interface	7 inch LCD touch operation screen	Dimension (W x D x H)	L550 x W650 x H980mm(one unit) L550 x W650 x H1880mm(two unit)
Rotation speed	2 ~300rpm	Internal usable height	285mm
Speed control accuracy	1rpm	Volume	70L
Shaking throw	50mm (Customization is available)	Illumination	FI tube,30W
Temperature control mode	PID control mode	CO2 measurement principle	Infrared (IR) detection
Temperature control range	4℃ ~60℃	CO2 control range	0-20%
Temperature display resolution	0.1℃	CO2 display resolution	0.10%
Temperature fluctuation	±0.1℃	CO2 supply	0.05~0.1MPa is recommended
Temperature field uniformity	±0.3℃	Push-pull blackout curtain	build-in
Heating power	800W	Sterilization method	UV sterilization
Timing function	0-999.9hours	Historical data storage	800,000 messages
Tray size	370 x 400mm	Data export interface	USB interface
Maximum load	15 kg	Working environment temperature	5℃~ 35℃
Tray capacity of shake flask	16x250ml or 11x500ml 6x1000ml or 4x2000ml	Power supply	115V~230V±10%, 50~60Hz
		Weight	115kg

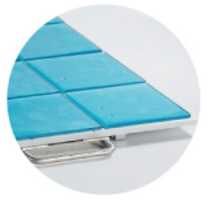
FOR INSECT CELL CULTURE

IS315
UV Sterilization Stackable Incubator Shaker

According to the special requirements of biological culture, it provides the perfect solution of high precision temperature control, active humidity control, intelligent touch control system, etc. IS315 is suitable for insect cell culture and small volume culture of various special microorganisms, etc.

Key Features

- Double-glazed door to ensure excellent heat insulation and safety
- Environmentally friendly sticky pad material to create a healthy culture environment
- Brushed stainless steel rounded corners of the integrated cavity, beautiful and easy to clean
- Machine operation is nearly silent, multi-layer stacking without abnormal vibration
- One-piece molding fixture, stable and durable, effectively prevent the fixture breakage to bring unsafe events
- No heat waterproof fan, significantly reduce background heat, save energy
- Push-pull 8mm thick aluminum alloy rocker plate never deformed, easy to place the incubation containers
- Waterproof design of the inner cavity of the box, easy to clean dirt
- Flexible placement, stackable to 3 layers, effectively save the placement space



FOR INSECT CELL CULTURE

- Waterproof fan without background heat
- Door heating function (option)
- Ultra-quiet operation
- Built-in sliding blackout curtain

Technical Details

Cat.No.	IS315	Dimension (W x D x H)	L1330 x W820 x H620mm (one unit) L1330 x W820 x H1170mm (two units) L1330 x W820 x H1725mm (three units)
Control interface	7 inch LCD touch operation screen		
Rotation speed	2 ~300rpm	Internal usable height	340mm
Speed control accuracy	1rpm	Volume	315L
Shaking throw	50mm (Customization is available)	Illumination	FI tube,30W
Temperature control mode	PID control mode	Push-pull blackout curtain	build-in
Temperature control range	4℃ ~60℃	Sterilization method	UV sterilization
Temperature display resolution	0.1℃	Historical data storage	800,000 messages
Temperature fluctuation	±0.1℃	Data export interface	USB interface
Temperature field uniformity	±0.3℃	Working environment temperature	5℃~ 35℃
Heating power	1300W	Power supply	115V~230V±10%, 50~60Hz
Timing function	0-999.9hours	Weight	220kg per unit
Tray size	520x880 mm		
Maximum load	50 kg		
Tray capacity of shake flask	60x250ml or 40x500ml 24x1000ml or 15x2000ml 15x3000ml or 8x5000ml		

Shaker

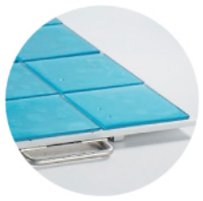
FOR INSECT CELL CULTURE

IS160
UV Sterilization Stackable Incubator Shaker

According to the special requirements of biological culture, it provides the perfect solution of high precision temperature control, active humidity control, intelligent touch control system, etc. IS160 is suitable for insect cell culture and small volume culture of various special microorganisms, etc.

Key Features

- Double-glazed door to ensure excellent heat insulation and safety
- Environmentally friendly sticky pad material to create a healthy culture environment
- Brushed stainless steel rounded corners of the integrated cavity, beautiful and easy to clean
- Machine operation is nearly silent, multi-layer stacking without abnormal vibration
- One-piece molding fixture, stable and durable, effectively prevent the fixture breakage to bring unsafe events
- No heat waterproof fan, significantly reduce background heat, save energy
- Push-pull 8mm thick aluminum alloy rocker plate never deformed, easy to place the incubation containers
- Waterproof design of the inner cavity of the box, easy to clean dirt
- Flexible placement, stackable to 3 layers, effectively save the placement space



Shaker

FOR INSECT CELL CULTURE

- Waterproof fan without background heat
- Door heating function (option)
- Ultra-quiet operation
- Built-in sliding blackout curtain

Technical Details

Cat.No.	IS160	Dimension (W x D x H)	L1000 x W725 x H650mm (one unit) L1000 x W725 x H1200mm (two units) L1000 x W725 x H1750mm (three units)
Control interface	7 inch LCD touch operation screen		
Rotation speed	2 ~300rpm	Internal usable height	340mm
Speed control accuracy	1rpm	Volume	160L
Shaking throw	50mm (Customization is available)	Illumination	FI tube,30W
Temperature control mode	PID control mode	Push-pull blackout curtain	build-in
Temperature control range	4℃ ~60℃	Sterilization method	UV sterilization
Temperature display resolution	0.1℃	Historical data storage	800,000 messages
Temperature fluctuation	±0.1℃	Data export interface	USB interface
Temperature field uniformity	±0.3℃	Working environment temperature	5℃~ 35℃
Heating power	1300W	Power supply	115V~230V±10%, 50~60Hz
Timing function	0-999.9hours	Weight	145kg per unit
Tray size	590x465 mm		
Maximum load	35 kg		
Tray capacity of shake flask	35x250ml or 24x500ml 15x1000ml or 8x2000ml 6x3000ml or 4x5000ml		

Cell Culture Flasks

Cell Culture Erlenmeyer Flask

Key Features

- Erlenmeyer flasks from 125 mL to 5000mL can provide standard filter vent caps
- Ideal for shaker culture applications
- PETG or PC material, both can provide first-class optical transmittance and mechanical strength
- PC material is different from PETG, the Erlenmeyerl flask will not collapse during high temperature sterilization of culture
- Unlike glass material, the Erlenmeyer flask will not be damaged when dropped
- Easy-to-grip cap has a more ergonomic design
- Engraved scale for accuracy
- The Vent cap with 0.2μm breathable membrane can realize continuous gas exchange while ensuring sterility and preventing liquid leakage

Material	Product name	Cat.No.	Quantity
PC	125ml Cell Culture Erlenmeyer Flask, Vent Cap	NS206-125-S	50/CASE
	250ml Cell Culture Erlenmeyer Flask, Vent Cap	NS206-250-S	50/CASE
	500ml Cell Culture Erlenmeyer Flask, Vent Cap	NS206-500-S	25/CASE
	1000 ml Cell Culture Erlenmeyer Flask, Vent Cap	NS206-1000-S	25/CASE
	1500 ml Cell Culture Erlenmeyer Flask, Vent Cap	NS206-1500-S	10/CASE
	3000 ml Cell Culture Erlenmeyer Flask, Vent Cap	NS206-3000-S	6/CASE
	5000 ml Cell Culture Erlenmeyer Flask, Vent Cap	NS206-5000-S	4/CASE
PETG	125ml Cell Culture Erlenmeyer Flask, Vent Cap	NS206-125-B	50/CASE
	250ml Cell Culture Erlenmeyer Flask, Vent Cap	NS206-250-B	50/CASE
	500ml Cell Culture Erlenmeyer Flask, Vent Cap	NS206-500-B	25/CASE
	1000 ml Cell Culture Erlenmeyer Flask, Vent Cap	NS206-1000-B	25/CASE
	3000ml Cell Culture Erlenmeyer Flask, Vent Cap	NS206-3000-B	6/CASE
	5000 ml Cell Culture Erlenmeyer Flask, Vent Cap	NS206-5000-B	4/CASE

FOR MICROBIAL CULTURE

FOR MICROBIAL CULTURE

MS315T
Stackable Incubator Shaker

MS315T is a new product of the RADOBIO shaker, which inherits the high precision manufacturing process of the MS315 and incorporates many innovations in the field of material technology and control system. The large available culture space provides more options for large volume vessel culture. The touch screen interactive interface is easy to operate and the operation data is traceable.

Key Features

- Touch screen interface, simple, intuitive and easy to operate
- Double-layer glass door to ensure excellent heat insulation and safety
- Brushed stainless steel rounded corners of the integrated cavity, beautiful and easy to clean
- Nearly silent machine operation, multi-layer stacking without movement
- One-piece molding clamps, stable and durable, effectively prevent unsafe events brought about by clamp breakage
- No heat waterproof fan, significantly reduce background heat, save energy
- Push-pull 8mm thick aluminum alloy tray never deformed, easy to place the culture flasks
- Waterproof design of the inner cavity of the incubator, easy to clean dirt
- Flexible placement, stackable to 3 layers, effectively save the placement space
- Operation data can be recorded and exported, with traceability

FOR MICROBIAL CULTURE

Waterproof fan without background heat

Aluminum tray never deforms

Ultra-quiet operation

One-piece clamps are safer

Technical Details

Cat.No.	MS315T
Control interface	7 inch LCD touch operation screen
Rotation speed	2 ~300rpm
Speed control accuracy	1rpm
Shaking throw	26mm (Customization is available)
Temperature control mode	PID control mode
Temperature control range	4℃ ~60℃
Temperature display resolution	0.1℃
Temperature fluctuation	±0.1℃
Temperature field uniformity	±0.5℃
Heating power	1400W
Timing function	0-999.9hours
Tray size	520x880 mm
Maximum load	50 kg
Tray capacity of shake flask	60x250ml or 40x500ml 24x1000ml or 15x2000ml

Dimension (W x D x H)	L1330 x W820 x H620mm (one unit) L1330 x W820 x H1170mm (two units) L1330 x W820 x H1725mm (three units)
Internal usable height	340mm
Volume	315L
Illumination	FI tube,30W
Sterilization method	UV sterilization
Clamp type	Universal spring mesh, flask clamps, deep-well plate clamps, test tube holders, etc. are available
Historical data storage	250,000 messages
Data export interface	USB interface
Number of settable programs	5
Number of stages per program	30
Working environment temperature	5℃~35℃
Power supply	115V~230V±10%, 50~60Hz
Weight	220kg per unit

FOR MICROBIAL CULTURE

MS160T
Stackable Incubator Shaker

MS160T is a new product of the RADOBIO shaker, which inherits the high precision manufacturing process of the MS160 and incorporates many innovations in the field of material technology and control system. Its moderate culture capacity is suitable for most customers. The touch screen interactive interface is easy to operate and the operation data is traceable.

Key Features

- Touch screen interface, simple, intuitive and easy to operate
- Double-layer glass door to ensure excellent heat insulation and safety
- Brushed stainless steel rounded corners of the integrated cavity, beautiful and easy to clean
- Nearly silent machine operation, multi-layer stacking without movement
- One-piece molding clamps, stable and durable, effectively prevent unsafe events brought about by clamp breakage
- No heat waterproof fan, significantly reduce background heat, save energy
- Push-pull 8mm thick aluminum alloy tray never deformed, easy to place the culture flasks
- Waterproof design of the inner cavity of the incubator, easy to clean dirt
- Flexible placement, stackable to 3 layers, effectively save the placement space

FOR MICROBIAL CULTURE

- Waterproof fan without background heat
- Aluminum tray never deforms
- Ultra-quiet operation
- One-piece clamps are safer

Technical Details

Cat.No.	MS160T
Control interface	7 inch LCD touch operation screen
Rotation speed	2~300rpm
Speed control accuracy	1rpm
Shaking throw	26mm (Customization is available)
Temperature control mode	PID control mode
Temperature control range	4℃~60℃
Temperature display resolution	0.1℃
Temperature fluctuation	±0.1℃
Temperature field uniformity	±0.5℃
Heating power	1300W
Timing function	0-999.9hours
Tray size	590x465 mm
Maximum load	35 kg
Tray capacity of shake flask	35x250ml or 24x500ml 15x1000ml or 8x2000ml
Dimension (W x D x H)	L1000 x W725 x H620mm (one unit) L1000 x W725 x H1170mm (two units) L1000 x W725 x H1720mm (three units)
Internal usable height	340mm
Volume	160L
Illumination	FI tube,30W
Sterilization method	UV sterilization
Clamp type	Universal spring mesh, flask clamps, deep-well plate clamps, test tube holders, etc. are available
Historical data storage	250,000 messages
Data export interface	USB interface
Number of settable programs	5
Number of stages per program	30
Working environment temperature	5℃~35℃
Power supply	115V~230V±10%, 50~60Hz
Weight	145kg per unit

FOR MICROBIAL CULTURE

MS350T
Stackable Incubator Shaker

MS350T is a new product of RADOBIO shaker, it inherits the high precision manufacturing process of MS series, and collects many innovations in material process and control system. The available culture space has been enlarged to accommodate 3L or 5L shake flasks, customized for large volume culture.

Key Features

- Touch screen interface, simple, intuitive and easy to operate
- Extra large volume to accommodate 3L and 5L shake flasks
- Double-layer glass door to ensure excellent heat insulation and safety
- Brushed stainless steel rounded corners of the integrated cavity, beautiful and easy to clean
- Nearly silent machine operation, multi-layer stacking without movement
- One-piece molding clamps, stable and durable, effectively prevent unsafe events brought about by clamp breakage
- No heat waterproof fan, significantly reduce background heat, save energy
- Push-pull 8mm thick aluminum alloy tray never deformed, easy to place the culture flasks
- Waterproof design of the inner cavity of the incubator, easy to clean dirt
- Flexible placement, stackable to 2 layers, effectively save the placement space
- Operation data can be recorded and exported, with traceability

FOR MICROBIAL CULTURE

Waterproof fan without background heat

Aluminum tray never deforms

Ultra-quiet operation

One-piece clamps are safer

Technical Details

Cat.No.	MS350T	Dimension (W x D x H)	1330 x 820 x 700 mm(one unit) 1330 x 820 x 1370 mm(two units)
Control interface	7 inch LCD touch operation screen	Internal usable height	460mm
Rotation speed	2~350rpm	Volume	350L
Speed control accuracy	1rpm	Illumination	FI tube,30W
Shaking throw	26mm (Customization is available)	Sterilization method	UV sterilization
Temperature control mode	PID control mode	Clamp type	Universal spring mesh, flask clamps, deep-well plate clamps, test tube holders, etc. are available
Temperature control range	4℃ ~60℃	Historical data storage	250,000 messages
Temperature display resolution	0.1℃	Data export interface	USB interface
Temperature fluctuation	±0.1℃	Number of settable programs	5
Temperature field uniformity	±0.5℃	Number of stages per program	30
Heating power	1400W	Working environment temperature	5℃~35℃
Timing function	0-999.9hours	Power supply	115V~230V±10%, 50~60Hz
Tray size	520x880 mm	Weight	230kg per unit
Maximum load	50 kg		
Tray capacity of shake flask	15 x 3000 ml or 8 x 5000 ml 60x250ml, 40x500ml 24x1000ml, 15x2000ml		

FOR MICROBIAL CULTURE

MS315
Stackable Incubator Shaker

MS315 stackable incubator shaker(with cooling function) inherits the high precision manufacturing process of MS series, and integrates many innovations in material process and control system. The large incubation space is ideal for large volume bacteria culture.

Key Features

- Simple LCD button control interface, easy to operate and high stability
- Double-layer glass door to ensure excellent heat insulation and safety
- Brushed stainless steel rounded corners of the integrated cavity, beautiful and easy to clean
- Nearly silent machine operation, multi-layer stacking without movement
- One-piece molding clamps, stable and durable, effectively prevent unsafe events brought about by clamp breakage
- No heat waterproof fan, significantly reduce background heat, save energy
- Push-pull 8mm thick aluminum alloy tray never deformed, easy to place the culture flasks
- Waterproof design of the inner cavity of the incubator, easy to clean dirt
- Flexible placement, stackable to 3 layers, effectively save the placement space

FOR MICROBIAL CULTURE

Waterproof fan without background heat

Aluminum tray never deforms

Ultra-quiet operation

One-piece clamps are safer

Technical Details

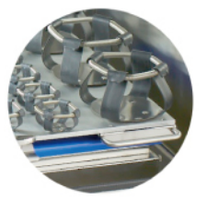
Cat.No.	MS315
Control interface	LCD button control interface
Rotation speed	2 ~300rpm
Speed control accuracy	1rpm
Shaking throw	26mm (Customization is available)
Temperature control mode	PID control mode
Temperature control range	4℃ ~60℃
Temperature display resolution	0.1℃
Temperature fluctuation	±0.1℃
Temperature field uniformity	±0.5℃
Heating power	1400W
Timing function	0-999.9hours
Tray size	520x880 mm
Maximum load	50 kg

Tray capacity of shake flask	60x250ml or 40x500ml 24x1000ml or 15x2000ml
Dimension (W x D x H)	L1330 x W820 x H620mm (one unit) L1330 x W820 x H1170mm (two units) L1330 x W820 x H1725mm (three units)
Internal usable height	340mm
Volume	315L
Illumination	FI tube,30W
Sterilization method	UV sterilization
Clamp type	Universal spring mesh, flask clamps, deep-well plate clamps, test tube holders, etc. are available
Working environment temperature	5℃~35℃
Power supply	220~240V/50~60Hz
Weight	220kg per unit

FOR MICROBIAL CULTURE

MS160
Stackable Incubator Shaker

MS160 stackable incubator shaker upgrades the shaking tray to aluminum alloy, which is beautiful and will not be deformed, while the internal chamber space is increased by 15% with the same external dimensions, and collects many innovations in the fields of material technology and control system, making it the first choice for bacterial culture.



Key Features

- Simple LCD button control interface, easy to operate and high stability
- Double-layer glass door to ensure excellent heat insulation and safety
- Brushed stainless steel rounded corners of the integrated cavity, beautiful and easy to clean
- Nearly silent machine operation, multi-layer stacking without movement
- One-piece molding clamps, stable and durable, effectively prevent unsafe events brought about by clamp breakage
- No heat waterproof fan, significantly reduce background heat, save energy
- Push-pull 8mm thick aluminum alloy tray never deformed, easy to place the culture flasks
- Waterproof design of the inner cavity of the incubator, easy to clean dirt

FOR MICROBIAL CULTURE

Waterproof fan without background heat

Aluminum tray never deforms

Ultra-quiet operation

One-piece clamps are safer

Technical Details

Cat.No.	MS160
Control interface	LCD button control interface
Rotation speed	2 ~300rpm
Speed control accuracy	1rpm
Shaking throw	26mm (Customization is available)
Temperature control mode	PID control mode
Temperature control range	4℃ ~60℃
Temperature display resolution	0.1℃
Temperature fluctuation	±0.1℃
Temperature field uniformity	±0.5℃
Heating power	1300W
Timing function	0-999.9hours
Tray size	590x465 mm
Maximum load	35 kg
Tray capacity of shake flask	35x250ml or 24x500ml 15x1000ml or 8x2000ml
Dimension (W x D x H)	L1000 x W725 x H650mm (one unit) L1000 x W725 x H1200mm (two units) L1000 x W725 x H1750mm (three units)
Internal usable height	340mm
Volume	160L
Illumination	FI tube,30W
Sterilization method	UV sterilization
Clamp type	Universal spring mesh, flask clamps, deep-well plate clamps, test tube holders, etc. are available
Working environment temperature	5℃~35℃
Power supply	220~240V/50~60Hz
Weight	145kg per unit

FOR MICROBIAL CULTURE

MS310
Double Deck Incubator Shaker

The vertical design of MS310 vertical double deck is more suitable for human use habits, and the clever design of internal double deck shaking incubation or a deck of shaking incubation and a deck of static incubation not only expands the incubation space, but also provides more options for users.

Key Features

- Internal double deck shaking incubation or a deck of shaking incubation and a deck of static incubation expands the incubation space
- Double-layer glass door to ensure excellent heat insulation and safety
- Brushed stainless steel rounded corners of the integrated cavity, beautiful and easy to clean
- Nearly silent machine operation, multi-layer stacking without movement
- One-piece molding clamps, stable and durable, effectively prevent unsafe events brought about by clamp breakage
- No heat waterproof fan, significantly reduce background heat, save energy
- Waterproof design of the inner cavity of the incubator, easy to clean dirt

FOR MICROBIAL CULTURE

- Aluminum tray never deforms
- Waterproof fan without background heat
- Ultra-quiet operation
- One-piece clamps are safer

Technical Details

Cat.No.	MS310
Control interface	LCD button control interface
Rotation speed	30~300rpm
Speed control accuracy	1rpm
Shaking throw	26mm (Customization is available)
Temperature control mode	PID control mode
Temperature control range	4℃ ~60℃
Temperature display resolution	0.1℃
Temperature fluctuation	±0.1℃
Temperature field uniformity	±0.5℃
Heating power	1300W
Timing function	0-999.9hours
Tray size	500x500 mm
Maximum load	35 kg
Tray capacity of shake flask	25x250ml or 16x500ml 9x1000ml
Dimension (W x D x H)	L710 x W780 x H1100mm
Internal usable height	578mm
Volume	310L
Illumination	FI tube,30W
Sterilization method	UV sterilization
Clamp type	Universal spring mesh, flask clamps, deep-well plate clamps, test tube holders, etc. are available
Working environment temperature	5℃~35℃
Power supply	220~240V/50~60Hz
Weight	170kg per unit

FOR MICROBIAL CULTURE

MS70
Stackable Incubator Shaker

MS70 stackable incubator shaker miniature design makes full use of the limited space in the laboratory, and can be placed under the laboratory table or on the laboratory table top, while maintaining a compact size equipped with a refrigeration system, providing a highly scalable temperature control range for culture and reaction, which can meet the needs of small amounts of culture.

Key Features

- Compact size and effective use of space, equipped with refrigeration system to effectively expand the culture temperature range
- Double-layer glass door to ensure excellent heat insulation and safety
- Brushed stainless steel rounded corners of the integrated cavity, beautiful and easy to clean
- Under-table height design, the incubator can be placed under the laboratory table, effective use of laboratory space
- Nearly silent machine operation, double-layer stacking without movement
- One-piece molding clamps, stable and durable, effectively prevent unsafe events brought about by clamp breakage
- No heat waterproof fan, significantly reduce background heat, save energy
- Waterproof design of the inner cavity of the incubator, easy to clean dirt

FOR MICROBIAL CULTURE

- Aluminum tray never deforms
- Waterproof fan without background heat
- Ultra-quiet operation
- One-piece clamps are safer

Technical Details

Cat.No.	MS70
Control interface	LCD button control interface
Rotation speed	2~300rpm
Speed control accuracy	1rpm
Shaking throw	26mm (Customization is available)
Temperature control mode	PID control mode
Temperature control range	4℃~60℃
Temperature display resolution	0.1℃
Temperature fluctuation	±0.1℃
Temperature field uniformity	±0.5℃
Heating power	1000W
Timing function	0-999.9hours
Tray size	370 x 400 mm
Maximum load	15 kg
Tray capacity of shake flask	16x250ml or 11x500ml
Dimension (W x D x H)	L550 x W650 x H850mm(one unit) L550 x W650 x H1660mm(two units)
Internal usable height	285mm
Volume	70L
Illumination	FI tube,30W
Sterilization method	UV sterilization
Clamp type	Universal spring mesh, flask clamps, deep-well plate clamps, test tube holders, etc. are available
Working environment temperature	5℃~35℃
Power supply	220~240V/50~60Hz
Weight	110kg per unit

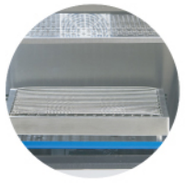
FOR MICROBIAL CULTURE

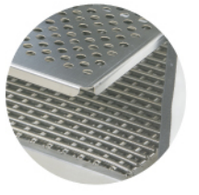
MS110
Stackable Double-Deck Incubator Shaker

MS110 double deck shaker incubator inherits the high precision manufacturing process of the MS86 and expands the chamber space based on the original, allowing the unit to be placed under the lab bench, making full use of the limited space in the lab, while the internal double deck shake tray design not only expands the incubation space, but also provides more options for the user.

Key Features

- Compact size and effective use of space, the internal double deck shake tray design expands incubation space
- Double-layer glass door to ensure excellent heat insulation and safety
- Brushed stainless steel rounded corners of the integrated cavity, beautiful and easy to clean
- Under-table height design, the incubator can be placed under the laboratory table, effective use of laboratory space
- Nearly silent machine operation, double-layer stacking without movement
- One-piece molding clamps, stable and durable, effectively prevent unsafe events brought about by clamp breakage
- No heat waterproof fan, significantly reduce background heat, save energy
- Waterproof design of the inner cavity of the incubator, easy to clean dirt





FOR MICROBIAL CULTURE

- Aluminum tray never deforms
- Waterproof fan without background heat
- Ultra-quiet operation
- One-piece clamps are safer

Technical Details

Cat.No.	MS110
Control interface	LCD button control interface
Rotation speed	2~300rpm
Speed control accuracy	1rpm
Shaking throw	26mm (Customization is available)
Temperature control mode	PID control mode
Temperature control range	AT+5 ~ 60℃
Temperature display resolution	0.1℃
Temperature fluctuation	±0.1℃
Temperature field uniformity	±0.5℃
Heating power	800W
Timing function	0-999.9hours
Tray size	370 x 400 mm
Maximum load	15 kg
Tray capacity of shake flask	16x250ml or 11x500ml
Dimension (W x D x H)	L550 x W670 x H840mm(one unit) L550 x W670 x H1640mm(two units)
Internal usable height	520mm
Volume	110L
Illumination	FI tube,30W
Sterilization method	UV sterilization
Clamp type	Universal spring mesh, flask clamps, deep-well plate clamps, test tube holders, etc. are available
Working environment temperature	5℃~35℃
Power supply	220~240V/50~60Hz
Weight	105kg per unit

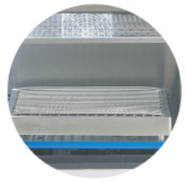
FOR MICROBIAL CULTURE

MS86
Multifunctional Stackable Incubator Shaker

MS86 multifunctional shaker incubator's compact design makes full use of the limited space under the table in the laboratory, while the clever design of the internal a layer of shaking culture and a layer of static culture not only expands the culture space, but also provides more options for users.

Key Features

- Compact size and effective use of space, multifunction with the internal a layer of shaking culture and a layer of static culture
- Double-layer glass door to ensure excellent heat insulation and safety
- Brushed stainless steel rounded corners of the integrated cavity, beautiful and easy to clean
- Under-table height design, the incubator can be placed under the laboratory table, effective use of laboratory space
- Nearly silent machine operation, double-layer stacking without movement
- One-piece molding clamps, stable and durable, effectively prevent unsafe events brought about by clamp breakage
- No heat waterproof fan, significantly reduce background heat, save energy
- Waterproof design of the inner cavity of the incubator, easy to clean dirt



FOR MICROBIAL CULTURE

- Aluminum tray never deforms
- Waterproof fan without background heat
- Ultra-quiet operation
- One-piece clamps are safer

Technical Details

Cat.No.	MS86
Control interface	LCD button control interface
Rotation speed	2 ~300rpm
Speed control accuracy	1rpm
Shaking throw	26mm (Customization is available)
Temperature control mode	PID control mode
Temperature control range	AT+5 ~ 60℃
Temperature display resolution	0.1℃
Temperature fluctuation	±0.1℃
Temperature field uniformity	±0.5℃
Heating power	800W
Timing function	0-999.9hours
Tray size	370 x 400 mm
Maximum load	15 kg

Tray capacity of shake flask	16x250ml or 11x500ml 6x1000ml or 5x2000ml
Dimension (W x D x H)	L550 x W680 x H700mm(one unit) L550 x W680 x H1350mm(two units)
Internal usable height	400mm
Volume	86L
Illumination	FI tube,30W
Sterilization method	UV sterilization
Clamp type	Universal spring mesh, flask clamps, deep-well plate clamps, test tube holders, etc. are available
Working environment temperature	5℃~35℃
Power supply	220~240V/50~60Hz
Weight	80kg per unit

FOR MICROBIAL CULTURE

MS65
Incubator Shaker

MS65 incubator shaker is a combination of incubator and shaker laboratory instrument. It is controlled by microcomputer, with arbitrary temperature setting and reliable temperature control, and has an audible and visual alarm for over temperature, and a variety of optional tray accessories to match the placement and fixation of various flasks and test tubes and other experimental vessels.

Key Features

- 4.3-inch high-definition color touch screen makes the shaker easy to operate and displays operation information in real time
- The fully transparent outer cover allows for easy observation of operating status.
- Stable control of performance parameters, smooth operation with very low noise and good temperature uniformity.
- Unique configuration of balancing system, able to achieve high speed and smooth operation.
- Design with reference to the latest safety standards, with open lid door protection, hardware over-temperature independent protection.
- Adopt brushless motor and precision bearing, long life cycle and easy maintenance

FOR MICROBIAL CULTURE

- Various clamps available
- Waterproof fan without background heat
- Ultra-quiet operation
- One-piece clamps are safer

Technical Details

Cat.No.	MS65
Interface	5 inch touch screen
Rotation speed	50~300rpm
Speed control accuracy	1rpm
Shaking throw	20mm
Temperature control mode	PID control mode
Temperature control range	AT+5℃ ~60℃
Temperature display resolution	0.1℃
Temperature fluctuation	±0.1℃
Temperature field uniformity	±0.5℃ @ 37℃
Heating power	650W
Timing function	0~99hours
Tray capacity of shake flask	9x250ml or 5x500ml 4x1000ml or 2x2000ml
Dimension (W x D x H)	525×770×530 mm
Volume	86L
Internal usable height	365mm
Tray Size	420x420 mm
Working temperature	5℃~ 35℃
Power supply	220~240V/50~60Hz
Weight	45kg

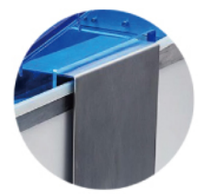
FOR MICROBIAL CULTURE

MS10W
thermostatic water bath shaker

MS10W is a combination of temperature-controlled thermostatic water bath and gentle oscillator, easy and convenient to operate, suitable for microbiology and medical analysis and other fields. Low energy consumption, safe and stable without noise. It can be used in laboratories as an application for bacterial tissue culture, fermentation, hybridization and biochemical reactions that have high requirements for temperature and oscillation frequency.

Key Features

- TFT color screen display, multi-section program selectable, parameter setting at a glance, simple and generous appearance
- DC brushless motor drive, effectively reduce the speed noise, maintenance-free
- Microprocessor control, good temperature control linearity, small fluctuations
- Built-in liquid level sensor to prevent dry burning, buzzer alarm, safe and reliable
- Transparent flip cover design, real-time observation, easy to operate



FOR MICROBIAL CULTURE

- Standard culture tray
- Compact size for easy mobility
- Easy knob adjustment
- DC brushless motor drive

Technical Details

Cat.No.	MS10W
Interface	Push-button control interface
Rotation speed	30~200rpm
Speed control accuracy	1rpm
Shaking throw	20mm
Temperature control mode	PID control mode
Temperature control range	AT+5~100℃
Temperature display resolution	0.1℃
Temperature fluctuation	±0.1℃
Temperature field uniformity	±0.3℃
Heating power	1100W
Timing function	0~99hours

Dimension (W x D x H)	340×470×355 mm
Volume	10L
Internal Dimension (W x D x H)	240 x 300 x 150 mm
Clamp type	Spring Mesh
Working environment temperature	5~35℃
Power supply	220~240V/50~60Hz
Weight	25kg

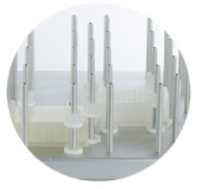
FOR MICROVOLUME HIGH-SPEED CELL CULTURE

CS160HS
High Speed Stackable CO2 Incubator Shaker

With an amplitude of 3 mm and an oscillation speed of up to 1000 rpm, the CS160HS is a special radobio model that is ideal for high-throughput microvolume deep-well plate cell culture of more than several thousand biological samples at a time, making it a powerful tool for optimal bioculture screening.It is suitable for all kinds of cell culture, Including CHO, hybridoma, mammalian cells, insect cells, etc. and can be used in 2 or 3 layers, which is more space-saving.

Key Features

- 7 inch LCD touch control panel, simple and intuitive to operate
- With an amplitude of 3 mm and an oscillation speed of up to 1000 rpm
- Ideal for high-throughput microvolume deep-well plate cell culture
- Active humidity control function (optional)
- Built-in blackout curtain can be pushed and pulled easily to avoid light cultivation
- Intelligent remote control function (optional)
- Double glass doors for excellent insulation and safety
- Door heating function prevents fogging of the glass door
- Multi-UV sterilization system for better sterilization effect
- All stainless steel rounded corners of the integrated cavity,
- Heatless waterproof fan ensures uniformity of temperature,
- Flexible placement, stackable, effective in saving lab space
- Multi-safety design for user and sample safety



FOR MICROVOLUME HIGH-SPEED CELL CULTURE

- Heatless waterproof fan
- Door heating function (optional)
- Ultra-quiet operation
- High speed up to 1000 rpm

Technical Details

Cat.No.	CS160HS
Control interface	7 inch LCD touch operation screen
Rotation speed	10~1000rpm
Speed control accuracy	1rpm
Shaking throw	3mm
Temperature control mode	PID control mode
Temperature control range	4℃ ~60℃
Temperature display resolution	0.1℃
Temperature fluctuation	±0.1℃
Temperature field uniformity	±0.3℃
Heating power	1300W
Timing function	0-999.9hours
Tray size	590x465 mm
Maximum load	35 kg
Tray capacity of shake plate	32 deep well plates

Dimension (W x D x H)	L1000 x W725 x H625mm (one unit) L1000 x W725 x H1180mm (two units) L1000 x W725 x H1730mm (three units)
Internal usable height	340mm
Volume	160L
Illumination	FI tube,30W
CO2 measurement principle	Infrared (IR) detection
CO2 control range	0-20%
CO2 display resolution	0.10%
CO2 supply	0.05~0.1MPa is recommended
Push-pull blackout curtain	build-in
Sterilization method	UV sterilization
Historical data storage	800,000 messages
Data export interface	USB interface
Working environment temperature	5℃~35℃
Power supply	220~240V/50~60Hz
Weight	145 kg per unit

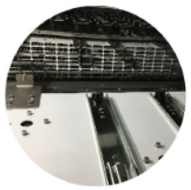
FOR MICROVOLUME HIGH-SPEED MICROBIAL CULTURE

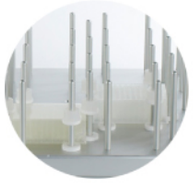
MS160HS
Stackable High Speed Incubator Shaker

With an amplitude of 3 mm and an oscillation speed of up to 1000 rpm, the MS160HS is a special radobio model that is ideal for high-throughput microvolume deep-well plate microbial culture of more than several thousand biological samples at a time, making it a powerful tool for optimal bioculture screening.It is suitable for all kinds of microbial culture, and can be used in 2 or 3 layers, which is more space-saving.

Key Features

- 7 inch LCD touch control panel, simple and intuitive to operate
- With an amplitude of 3 mm and an oscillation speed of up to 1000 rpm
- Ideal for high-throughput microvolume deep-well plate microbial culture
- Active humidity control function (optional)
- Double glass doors for excellent insulation and safety
- Door heating function prevents fogging of the glass door
- UV sterilization system for better sterilization effect
- All stainless steel rounded corners of the integrated cavity,
- Heatless waterproof fan ensures uniformity of temperature,
- Flexible placement, stackable, effective in saving lab space
- Multi-safety design for user and sample safety





Shaker

FOR MICROVOLUME HIGH-SPEED MICROBIAL CULTURE

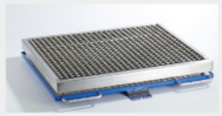
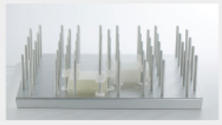
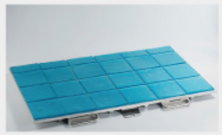
- Heatless waterproof fan
- Aluminum alloy tray never deformed
- Ultra-quiet operation
- High speed up to 1000 rpm

Technical Details

Cat.No.	MS160HS
Control interface	7 inch LCD touch operation screen
Rotation speed	10-1000rpm
Speed control accuracy	1rpm
Shaking throw	3mm
Temperature control mode	PID control mode
Temperature control range	4℃ ~60℃
Temperature display resolution	0.1℃
Temperature fluctuation	±0.1℃
Temperature field uniformity	±0.5℃ @ 37℃
Heating power	1300W
Timing function	0-999.9hours
Tray size	590x465 mm
Maximum load	35 kg
Tray capacity of shake plate	32 deep well plates

Dimension (W x D x H)	L1000 x W725 x H620mm (one unit) L1000 x W725 x H1170mm (two units) L1000 x W725 x H1720mm (three units)
Internal usable height	340mm
Volume	160 L
Illumination	FI tube,30W
Sterilization method	UV sterilization
Historical data storage	250,000 messages
Data export interface	USB interface
Working environment temperature	5℃~35℃
Power supply	220~240V/50~60Hz
Weight	145 kg per unit

SHAKER ACCESSORIES TABLE

Accessory Picture	Accessory Name	Cat.No.
	Removable shaking tray 520x880mm Removable shaking tray 465x590mm	RP3100 RP2100
	125ml Flask clamp	RF125
	250ml Flask clamp	RF250
	500ml Flask clamp	RF500
	1000ml Flask clamp	RF1000
	2000ml Flask clamp	RF2000
	5000ml Flask clamp	RF5000
	Universal spring mesh holder	RF3100
	Test tube rack holder (50MLx18; 15MLx24) 423x130x90mm	RF23W
	Test tube rack holder (15MLx52) 373x115x90mm	RF24W
	Test tube rack holder (50MLx30) 423x130x90mm	RF25W
	Deep well plate holder	RF96P
	Peacock Blue Crystal sticky pad 140x140mm	RF3101
	L1330mm x D750mm x H670mm	RD-ZJ670M
	L1040mm x D650mm x H670mm	RD-ZJ670S
	L1330mm x D750mm x H350mm	RD-ZJ350SM
	L1040mm x D650mm x H350mm	RD-ZJ350S

- USP Class VI, high clarity, 100% virgin polystyrene
- Uniform well volume ensures equal growth surface area
- Fool-proof design of lid with condensation ring to reduce evaporation and prevent cross-contamination
- Wells are labeled with alphanumeric code for easy identification
- Stackable for easy storage and handling
- Vacuum plasma TC treatment, excellent cell adherence
- Sterilized by E-beam, Non-Pyrogenic, DNase/RNase free

Application	Product name	Cat.No.	Quantity
Basic Mammalian Cell Culture	TC-Treated Cell Culture Dishes (100mm)	CCD100	300/CASE
	TC-Treated Cell Culture Dishes (60mm)	CCD060	500/CASE
	TC-Treated Cell Culture Dishes (35mm)	CCD035	500/CASE

PRECISE TEMPERATURE AND HUMIDITY CONTROL

Humidity Chamber

PRECISE TEMPERATURE AND HUMIDITY CONTROL

T250H
Humidity Chamber

With temperature control from 4°C to 60°C and active humidification and dehumidification control from 20% to 90%rh, T250H is optimized for the requirements of stability testing in the pharmaceutical industry. Due to its quiet operation, it is also suitable for the cultivation and propagation of insects or zebrafish.

Key Features

- With heating and cooling function
- Combined humidification and dehumidification functions
- Extreme temperature and humidity uniformity
- 7-inch LCD touch control panel interface
- Multi-stage program can be set
- Standard double doors with glass inner door
- UV sterilization function as standard
- Multiple safety designs to ensure the safety of users and samples
- When a parameter is far from the set value, automatically open the alarm system
- Equipped with data export USB port, can easily export the backup data

PRECISE TEMPERATURE AND HUMIDITY CONTROL

With humidification and dehumidification function

7-inch LCD touch control panel interface

Test data can be exported via USB interface

Technical Details

Cat.No.	T250H
Control interface	7 inch LCD touch screen
Temperature control mode	PID control mode
Temperature control range	4℃~60℃
Temperature display resolution	0.1℃
Temperature fluctuation	±0.1℃
Temperature field uniformity	±0.5℃
Heating power	2200W
Timing function	0-999.9 hours
Internal dimensions (WxDxH)	640 x 595 x 670mm
External dimensions (WxDxH)	775 x 780 x 1070mm
Volumn	250L
Illumination	FI lamp, 30W

Humidity control range	20%~90%RH
Humidity control accuracy	±3%RH
Sterilization method	UV sterilization
Historic Data Storage	250,000 messages
Working temperature	10℃~30℃
Power supply	220~240V/50~60Hz
Weight	138kg

Thermostatic Incubator

PRECISE TEMPERATURE CONTROL

T250R
Thermostatic Incubator

T250R thermostatic incubator, with heating and cooling function, temperature control range 4-60℃, compressor and circulating fan with high efficiency and low energy consumption, not only promote energy saving, but also long service life, compared with the traditional incubator, the cooling time is reduced by more than 40%.
It is the special thermostat equipment for water analysis and BOD determination, cultivation, preservation and breeding test of bacteria, mold and microorganism.

Key Features

- With heating and cooling function
- Extreme temperature uniformity
- 5-inch LCD touch control panel interface
- Multi-stage program can be set
- Standard double doors with glass inner door
- UV sterilization function as standard
- Multiple safety designs to ensure the safety of users and samples
- When a parameter is far from the set value, automatically open the alarm system
- Equipped with data export USB port, can easily export the backup data

PRECISE TEMPERATURE CONTROL

- With over-temperature alarm system
- UV sterilization function
- Intelligent and precise temperature control
- Ultra-quiet operation

Technical Details

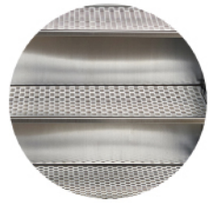
Cat.No.	T250R
Control interface	5 inch LCD touch screen
Temperature control mode	PID control mode
Temperature control range	4℃~60℃
Temperature display resolution	0.1℃
Temperature field uniformity	±0.5℃
Heating power	1300W
Timing function	0-999.9 hours
Internal dimensions (WxDxH)	680 x 640 x 720mm
External dimensions (WxDxH)	775 x 780 x 1100mm
Volumn	250L
Illumination	FI lamp, 30W
Sterilization method	UV sterilization
Historic Data Storage	250,000 messages
Working temperature	10℃ ~30℃
Power supply	220~240V/50~60Hz
Weight	135kg

Thermostatic Incubator

PRECISE TEMPERATURE CONTROL

T180
Thermostatic Incubator

T180 thermostatic incubator, with heating function, temperature control range AT+5-60℃, It is universal thermostat equipment for water analysis and BOD determination, cultivation, preservation and breeding test of microorganism.



Technical Details

Cat.No.	T180
Control interface	Push-button control panel
Temperature control mode	PID control mode
Temperature control range	AT+5℃ ~60℃
Temperature display resolution	0.1℃
Temperature field uniformity	±0.5℃@37℃
Heating power	300W
Timing function	0-999.9 hours
Internal dimensions (WxDxH)	525 x535 x 675 mm
External dimensions (WxDxH)	656 x 645 x 850 mm
Volumn	180L
Working temperature	10℃~30℃
Power supply	220~240V/50~60Hz
Weight	63kg

Key Features

- With heating function
- Extreme temperature uniformity
- Multiple safety designs to ensure the safety of users and samples
- When a parameter is far from the set value, automatically open the alarm system

CLEAN WORKBENCH / BIOLOGICAL SAFETY CABINET

ENSURE THE SAFETY OF PRODUCT, PERSONNEL AND ENVIRONMENT

AG1000 Clean Workbench

AG1000 clean workbench is equipped with new laminar flow technology to provide multi-faceted protection for your samples and processing processes. The ULPA filter used can make the cleanliness of the working area reach a safe level. In addition, it has the advantages of stable air speed, low noise, low energy consumption, and mobility, etc. It is widely used in biological, chemical and other scientific research and production units that need local clean and sterile working environment.

Technical Details

Cat.No.	AG1000
Control interface	Push-button control panel
Air Cleanliness	ISO 5 Class
Noise level	≤62dB
Illumination level	≥300LX
Sterilization method	UV sterilization
Power supply	AC220V, 50Hz
Max. power	250W
Weight	120kg
Working area dimensions(W×D×H)	870×690×520 mm
External dimensions(W×D×H)	1010×725×1625 mm

Key Features

- Provide UV sterilization, filter life visualization warning function
- Color LCD digital display control interface, can achieve three speed adjustment
- The work area surface is made of one-piece high quality stainless steel, which is corrosion resistant and easy to clean
- The front window is made of 5mm thick tempered glass and adopts roller type arbitrary positioning sliding door system, which is not easy to damage
- UV lamp can be set to open and close by appointment
- Lighting and sterilization system interlock function, with backup socket design, can be power failure protection function
- Glass sidewall design, wide field of view, good lighting, easy to observe
- Universal turning casters with braking device, flexible movement, convenient and reliable fixing

Clean Workbench

ENSURE THE SAFETY OF PRODUCT, PERSONNEL AND ENVIRONMENT

AG1500 Clean Workbench

AG1500 clean workbench is equipped with new laminar flow technology to provide multi-faceted protection for your samples and processing processes. The ULPA filter used can make the cleanliness of the working area reach a safe level. In addition, it has the advantages of stable air speed, low noise, low energy consumption, and mobility, etc. It is widely used in biological, chemical and other scientific research and production units that need local clean and sterile working environment.

Technical Details

Cat.No.	AG1500
Control interface	Push-button control panel
Air Cleanliness	ISO 5 Class
Noise level	≤62dB
Illumination level	≥300LX
Sterilization method	UV sterilization
Power supply	AC220V, 50Hz
Max. power	500W
Weight	170kg
Working area dimensions(W×D×H)	1360×690×520 mm
External dimensions(W×D×H)	1500×725×1625 mm

Key Features

- Provide UV sterilization, filter life visualization warning function
- Color LCD digital display control interface, can achieve three speed adjustment
- The work area surface is made of one-piece high quality stainless steel, which is corrosion resistant and easy to clean
- The front window is made of 5mm thick tempered glass and adopts roller type arbitrary positioning sliding door system, which is not easy to damage
- UV lamp can be set to open and close by appointment
- Lighting and sterilization system interlock function, with backup socket design, can be power failure protection function
- Glass sidewall design, wide field of view, good lighting, easy to observe
- Universal turning casters with braking device, flexible movement, convenient and reliable fixing

Biological Safety Cabinet

ENSURE THE SAFETY OF PRODUCT, PERSONNEL AND ENVIRONMENT

- 7-inch touch screen interface
- Intelligent air volume compensation system,
- Appointment UV sterilization function
- High quality ULPA filter

Technical Details

Cat.No.	AS1300
Filtration efficiency	≥99.9995%, @0.12μm
Air supply and exhaust filters	ULPA filters
Air Cleanliness	ISO 4 Class
Execution standards	YY0569(GB 4793.1、GB/T 18268.1)
Downflow velocity	0.35m/s
Inflow velocity	0.55m/s
Noise level	<65 dB
Vibration	≤5 μm(center of tabletop)
Personnel Protection	A. Total colony in impaction sampler ≤10CFU./time B. Total colony in slot sampler ≤5CFU./time
Product Protection	Total colony in culture dish ≤5CFU./time
Cross-contamination Protection	Total colony in culture dish ≤2CFU./time
Max Consumption(with spare socket)	1.65KW
Rated Power(without spare socket)	0.33KW
Size and Qty. of Light	18W×1
Size and Qty. of UV Light	20W×1
Lumin.	≥900LX
Cabinet Materials	High-grade steel and lacquered in ivory
Working Area Materials	SS304 fully finished
Air Direction	Top out
Work Dimension(W1XD1XH1)	1180×580×800mm
External Dimension(WXDXH)	1300×810×2240mm
Power supply	AC220V,1φ,50Hz
Weight	265KG

AS1300 Biological Safety Cabinet

AS1300 is a Class II, Type A2 biological safety cabinet that saves time, energy and money. its feature outstanding design and advanced technology, such as unique airflow design for better protection, excellent ergonomics for a safe and comfortable environment, and outstanding energy efficiency to reduce operating costs.

Key Features

- Tilt front window design, bright and low noise work area
- The front window glass can be cleaned inside and outside, leaving no hygiene corners
- Mobile operating surface, equipped with stainless steel lifting handle and support frame, more convenient for cleaning and maintenance
- Splash-proof safety sockets on the inner wall of the work area, more flexible in use
- Unique value and power-off memory function
- High quality ULPA filter and unique technology of "leakage blocking" ensure the air cleanliness to ISO level 4

OTHER INSTRUMENT

HIGH-THROUGHPUT EXPERIMENT

SP8
Multi-plate track shaker

SP0896 multi-plate shaker is used in conjunction with 96-well deep well plates and magnetic bead kits to effectively mix liquids in tubes. It can be used for high-throughput experiments including nucleic acid extraction and liquid homogenization.

- Simulation of hand shaking
- Compatible with various microplates
- High precision microcomputer controller
- Independent control of each plate holder

Technical Details

Cat.No.	SP0896
Max. load capacity	8 microplates
Max. rotation speed	2000rpm
Speed control accuracy	1rpm
Shaking throw	2mm
Display screen	LCD Display
Power supply	AC220V 50HZ
Adjustment method	Knob adjustment
Work temperature	+5～30℃
Timing function	0～999min
Dimension	800×300×180 mm

Key Features

- Simulate manual shaking and mixing track, lower frequency can mix the liquid well
- No need to add rubber cover or film to the well plate, liquid will not splash out of the well plate
- Compatible with 48 deep-well plate, 96 deep-well plate, 96-well PCR plate and ELISA plate
- Independent control of each plate position
- Can complete 8×96 samples at the same time

FOR SAMPLE GRINDING

SG048
Tissue Sample Refrigeration Grinder

SG048 uses a special vibration mode in the grinding tube with a unique ∞-type three-dimensional motion pattern to deliver the highest mechanical energy to the sample in the shortest possible time, through the high-frequency reciprocal vibration, impact and shear of the grinding beads. Quickly achieve the grinding purpose. It makes the ground samples more adequate, more uniform, better sample reproducibility, and ensures no cross-contamination between samples, and can handle 48 samples at a time.

Key Features

- High sample processing efficiency, 48 samples can be ground at one time
- Low-temperature grinding environment to effectively protect biological activity
- No cross-contamination between samples
- The unique ∞-type three-dimensional movement mode makes the grinding effect reach the best state.
- High safety, no need to add liquid nitrogen refrigeration, open the lid and stop, safety protection
- Fast grinding speed, 48 samples can be finished in 20 seconds

Other Instrument

FOR SAMPLE GRINDING

- High efficiency of sample grinding
- Low temperature grinding environment
- No cross-contamination of samples
- ∞ type 3D motion trajectory
- Customizable grinding flux

Technical Details

Cat.No.	SG048	Amplitude	34mm
Application	Sample grinding, crushing, homogenizing	Diameter of grinding ball	0.1-30mm
Control Interface	5 inch LCD touch screen	Grinding ball material	Stainless steel, quartz sand
Vibrating speed	0-70HZ, 0-2100rpm	Acceleration time	2S
Power supply	220V,<2.5A	Deceleration time	2S
Rated power	180W	Temperature control range	4℃ ~AT
Timing function	1-9999S	Noise level	< 60db
Fluxes	48 x (1.5-2mL); 2 x 25mL	Dimension(L x W x H)	685 x 400 x 500 mm
		Weight	75kg

FOR TEMPERATURE CONTROL

CTB 03
Water Bath(304 Stainless Steel)

- 304 stainless steel
- Independent switch control
- High precision temperature control
- Over temperature alarm

Technical Details

Cat.No.	Ctbath 03
No. of tank	3
Power Control	Independent switch control
Max. power	750W
Temperature uniformity	≤±1℃
Temperature Fluctuation	≤±0.5℃
Temperature control range	AT+5~100℃
Dimension	540 x 265 x 315 mm
Dimension of inner tank	Bottom: L 270 x W120mm; Top: L300 x W150mm; H150mm
Power supply	220V,50~60Hz
Weight	7.6 kg

Other Instrument

FOR TEMPERATURE CONTROL

CTB 01
Water Bath(304 Stainless Steel)

- 304 stainless steel
- Independent switch control
- High precision temperature control
- Over temperature alarm

Technical Details

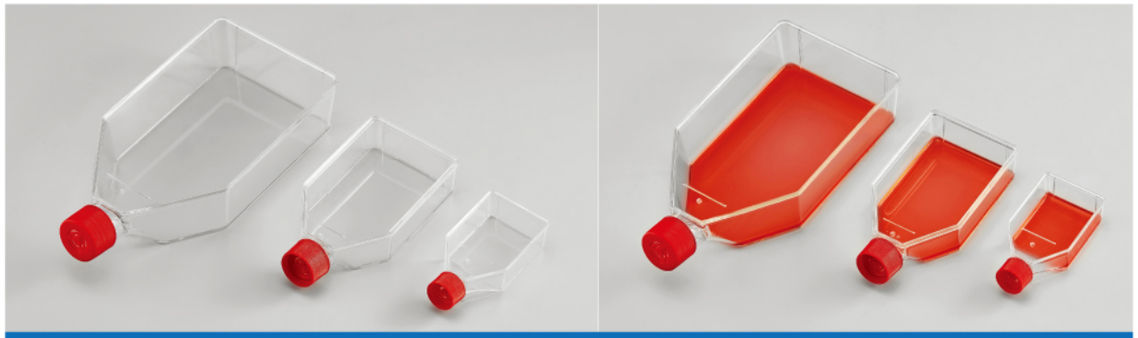
Cat.No.	Ctbath 01
No. of tank	220V,50~60Hz
Power supply	Independent switch control
Max. power	500W
Temperature uniformity	≤±1℃
Temperature Fluctuation	≤±0.5℃
Temperature control range	AT+5~100℃
Dimension	≤±1℃
Dimension of inner tank	295 x 150 x 150 mm
Weight	3.8 kg

Cell Culture Erlenmeyer Flask

Key Features

- Erlenmeyer flasks from 125 mL to 5000mL can provide standard filter vent caps
- Ideal for shaker culture applications
- PETG or PC material, both can provide first-class optical transmittance and mechanical strength
- PC material is different from PETG, the Erlenmeyerl flask will not collapse during high temperature sterilization of culture
- Unlike glass material, the Erlenmeyer flask will not be damaged when dropped
- Easy-to-grip cap has a more ergonomic design
- Engraved scale for accuracy
- The Vent cap with 0.2μm breathable membrane can realize continuous gas exchange while ensuring sterility and preventing liquid leakage

Material	Product name	Cat.No.	Quantity
PC	125ml Cell Culture Erlenmeyer Flask, Vent Cap	NS206-125-S	50/CASE
	250ml Cell Culture Erlenmeyer Flask, Vent Cap	NS206-250-S	50/CASE
	500ml Cell Culture Erlenmeyer Flask, Vent Cap	NS206-500-S	25/CASE
	1000 ml Cell Culture Erlenmeyer Flask, Vent Cap	NS206-1000-S	25/CASE
	1500 ml Cell Culture Erlenmeyer Flask, Vent Cap	NS206-1500-S	10/CASE
	3000 ml Cell Culture Erlenmeyer Flask, Vent Cap	NS206-3000-S	6/CASE
	5000 ml Cell Culture Erlenmeyer Flask, Vent Cap	NS206-5000-S	4/CASE
PETG	125ml Cell Culture Erlenmeyer Flask, Vent Cap	NS206-125-B	50/CASE
	250ml Cell Culture Erlenmeyer Flask, Vent Cap	NS206-250-B	50/CASE
	500ml Cell Culture Erlenmeyer Flask, Vent Cap	NS206-500-B	25/CASE
	1000 ml Cell Culture Erlenmeyer Flask, Vent Cap	NS206-1000-B	25/CASE
	3000ml Cell Culture Erlenmeyer Flask, Vent Cap	NS206-3000-B	6/CASE
	5000 ml Cell Culture Erlenmeyer Flask, Vent Cap	NS206-5000-B	4/CASE



Cell culture flask

Key features

- Made of high clarity medical grade, 100% virgin polystyrene
- Non-Pyrogenic, DNase/RNase free
- Clear graduations
- Notched bottom for slip free stacking
- Clear lot number for batch traceability
- Packaged in sterile, zip-sealable bags
- E-beam sterilizationMade

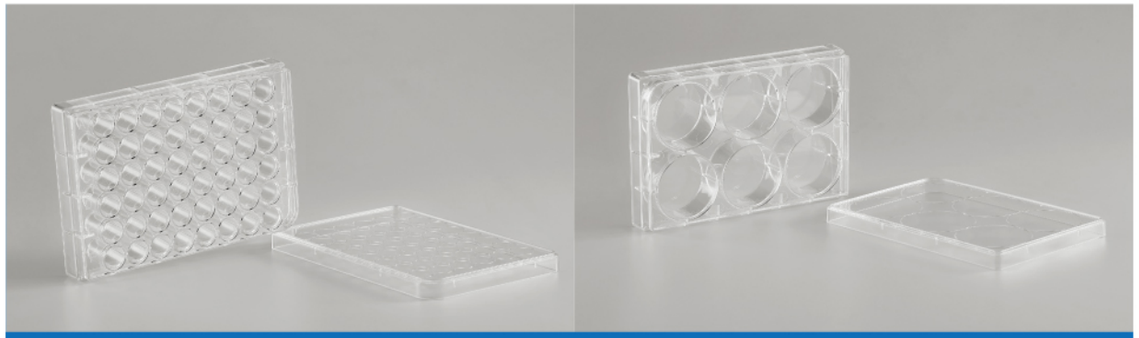
Application	Product Name	Cat.No.	Quantity
For adherent cell culture	TC-Treated Cell Culture Flasks, 175cm²,Vent Cap	CCF025	300/CASE
	TC-Treated Cell Culture Flasks, 175cm²,Vent Cap	CCF075	90/CASE
	TC-Treated Cell Culture Flasks, 175cm²,Vent Cap	CCF175	50/CASE

Cell Cluture Dish

Key features

- USP Class VI, high clarity, 100% virgin polystyrene
- Uniform well volume ensures equal growth surface area
- Fool-proof design of lid with condensation ring to reduce evaporation and prevent cross-contamination
- Wells are labeled with alphanumeric code for easy identification
- Stackable for easy storage and handling
- Vacuum plasma TC treatment, excellent cell adherence
- Sterilized by E-beam, Non-Pyrogenic, DNase/RNase free

Application	Product name	Cat.No.	Quantity
For adherent cell culture	TC-Treated Cell Culture Dishes (100mm)	CCD100	300/CASE
	TC-Treated Cell Culture Dishes (60mm)	CCD060	500/CASE
	TC-Treated Cell Culture Dishes (35mm)	CCD035	500/CASE



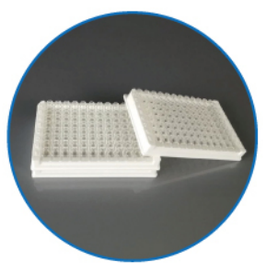
Cell culture plate

Key features

- USP Class VI, high clarity, 100% virgin polystyrene
- Uniform well volume ensures equal growth surface area
- Fool-proof design of lid with condensation ring to reduce evaporation and prevent cross-contamination
- Wells are labeled with alphanumeric code for easy identification
- Stackable for easy storage and handling
- Vacuum plasma TC treatment, excellent cell adherence
- Sterilized by E-beam, Non-Pyrogenic, DNase/RNase free
- Heat-melting adhesive with Dupont Tyvek, individually packaged

Application	Product name	Cat.No.	Quantity
For adherent cell culture	TC-Treated Cell Culture Plates (6Well)	CCP006	50/CASE
	TC-Treated Cell Culture Plates (12Well)	CCP012	50/CASE
	TC-Treated Cell Culture Plates (24Well)	CCP024	50/CASE
	TC-Treated Cell Culture Plates (48Well)	CCP048	50/CASE
	TC-Treated Cell Culture Plates (96Well)	CCP096	65/CASE

ELISA Plate



Key features

- Made of high purity polystyrene and designed specifically for ELISAs.
- Conformed to ANSI/SBS Standards
- Available of 96 well ELISA plate in detachable or non-detachable
- Flat bottom well designed

Application	Product name	Cat.No.	Quantity
For ELISA	96 Well ELISA Plate, Detachable, 8-well strip, White Frame & Clear Well	ESP096S	160/CASE
	96 Well ELISA Plate, Undetachable, Clear	ESP096	160/CASE

Microcentrifuge tube

Key features

- Material is USP-6 compliant PP material and does not contain any heavy metal ions
- Can withstand 14000xg centrifugal force
- Endotoxin content less than 0.1EU/mL
- Cap are easy to pierce and comfortable to open
- Autoclavable at 121°C/15psi
- Withstands temperatures ranging from -80°C to 121°C
- DNase free,RNase free, no pyrogens

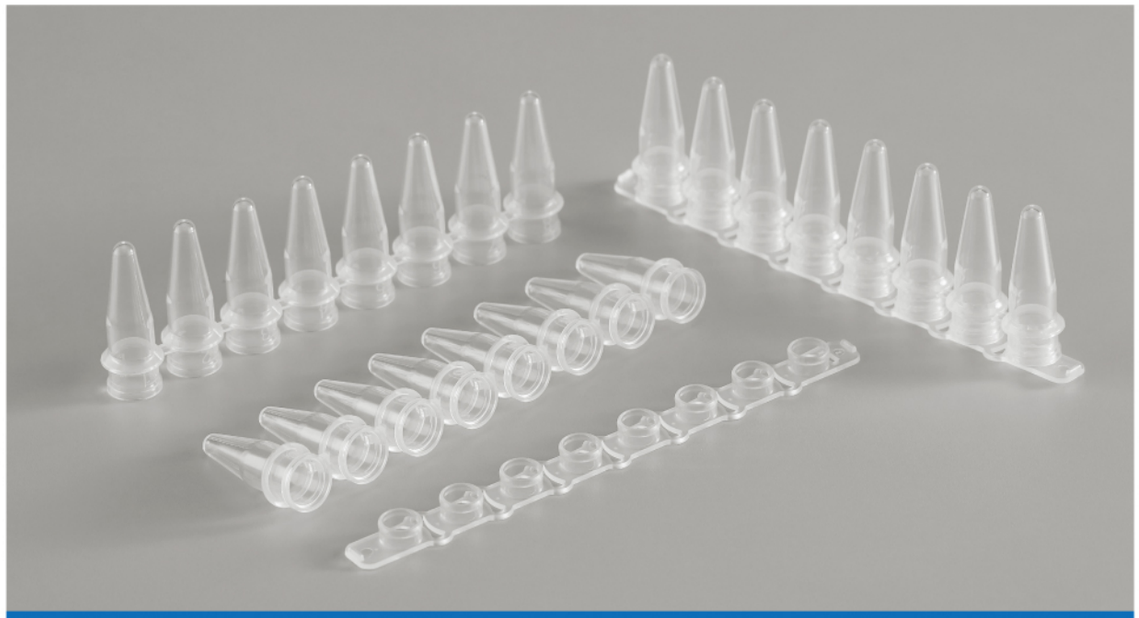
Application	Product name	Cat.No.	Quantity
For centrifugal	2ml Microtubes. Clear, Sterilized	MCT-200-C-S	500/PK,10PK/CASE
	1.5ml Microtubes. Clear, Sterilized	MCT-150-C-S	500/PK,10PK/CASE

Centrifuge tube

Key features

- Printed with clear black graduations and white marking area
- Maximum RCF is 12000xg
- Sterilized by E-beam
- Non-Pyrogenic, DNase/RNase free
- Temperature range from -80℃~120℃
- Leak proof design and
- easy-on/easy-off cap

Application	Product name	Cat.No.	Quantity
For centrifugal	50ml Centrifuge Tubes, Sterilized, with Rack	CT50SR	25/PK,20PK/CASE
	50ml Centrifuge Tubes, Sterilized	CT50S	25/PK,20PK/CASE
	15ml Centrifuge Tubes, Sterilized, with Rack	CT15SR	25/PK,20PK/CASE
	15ml Centrifuge Tubes, Sterilized	CT15S	25/PK,20PK/CASE



PCR 8-Strip Tubes

Key features

- PCR 8-link tubes are made of 100% non-recycled high purity polypropylene (PP) with thin and uniform walls to ensure good heat transfer, good sealing of the 8-link cap to the tube body when closed to prevent contamination, and easy opening of the cap
- DNase free, RNase free and endotoxin free

PCR 8-Strip Tube Caps

Key features

- PCR 8-link tubes are made of 100% non-recycled high purity polypropylene (PP) with thin and uniform walls to ensure good heat transfer, good sealing of the 8-link cap to the tube body when closed to prevent contamination, and easy opening of the cap
- DNase free, RNase free and endotoxin free

Application	Product name	Cat.No.	Quantity
For PCR	0.2ml PCR 8-strip tubes, clear, bulk	PCR0208	125/PK,10PK/CASE
	PCR 8-strip flat caps for qPCR, 0.2ml, clear, bulk	PCR0208CP	125/PK,10PK/CASE
	0.2ml individual PCR tube with flat cap, clear, bulk	PCR02	1000/PK,10PK/CASE

PCR Plate

Key features

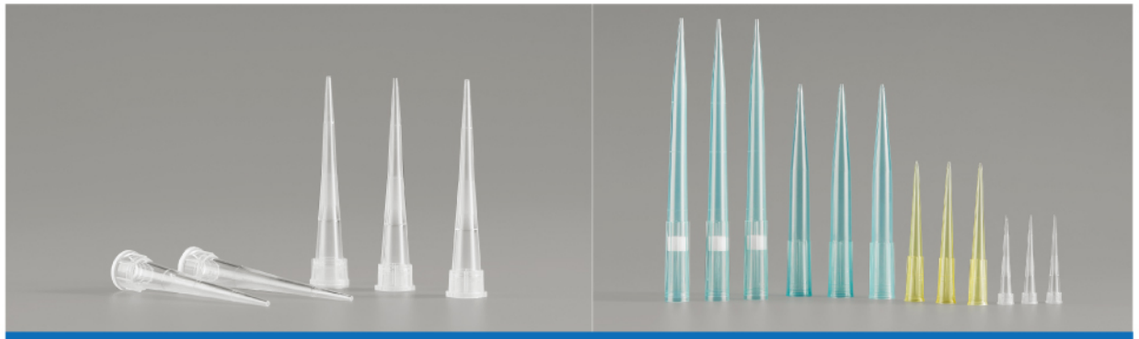
- PCR 96-well plates made of 100% non-recycled, high-purity polypropylene (PP) suitable for 0.2 ml thermal cycling modules, manufactured in strict accordance with the highest quality standards, with good homogeneity of experimental results, thin and uniform tube walls to ensure rapid heat transfer and uniform sample heating, available with 8/12 strip caps or sealing films
- DNase free, RNase free and endotoxin free

PCR Tube

Key features

- PCR single tube using 100% non-recycled high-purity polypropylene (PP) raw materials, thin wall and uniform thickness, to ensure good heat transfer, tube cover and tube body integrated connection, good sealing, to prevent pollution, and easy to open the cover
- DNase free, RNase free and endotoxin free

Application	Product name	Cat.No.	Quantity
For PCR	200μL 96 well PCR plate, full skirted, clear, non-sterile	PCR0296S	10/PK,5PK/CASE
	200μL 96 well PCR plate, non skirted, clear, non-sterile	PCR0296NS	10/PK,5PK/CASE
	200μL 96 well PCR plate, half skirted, clear, non-sterile	PCR0296HS	10/PK,5PK/CASE
	Ultra clear pressure sensitive film for 96 well PCR plate	PCR0296F	100/PK



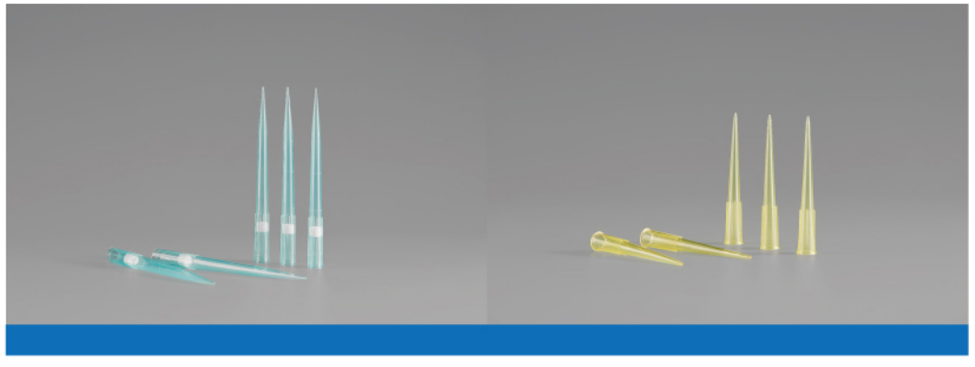
Pipet Tips

Key features

- Tips are made of 100% non-recycled, highly transparent polypropylene (PP)
- Complete range of sizes: 10 to 1250 µL in all sizes, with extensions available to increase user scenarios

Volumn	Product name	Cat.No.	Quantity
10ul 吸头	10µL Pipet tips, bulk	T-010	1000/PK,20PK/CASE
	10µL Pipet tips, racked	T-010-C-R	96/RACK,50RACK/CASE
	10µL Pipet tips, extended, bulk	TX-010	1000/PK,20PK/CASE
	10µL Pipet tips, extended, racked, sterile	TX-010-C-R-S	96/RACK,50RACK/CASE
	10µL Pipet tips, ultra-low retention, extended, bulk	TX-010-L	1000/PK,20PK/CASE
	10µL Pipet tips, ultra-low retention, extended, racked	TX-010-L-R	96/RACK,50RACK/CASE
	10µL Pipet tips, filtered, extended, bulk	TXF-010	1000/PK,20PK/CASE
	10µL Pipet tips, filtered, extended, racked, sterile	TXF-010-C-R-S	96/RACK,50RACK/CASE
	10µL Pipet tips, filtered, ultra-low retention, extended, racked, sterile	TXF-010-L-R-S	96/RACK,50RACK/CASE
200ul 吸头	200µL Pipet tips, bulk	T-200	1000/PK,20PK/CASE
	200µL Pipet tips, racked	T-200-Y-R	96/RACK,50RACK/CASE
	200µL Pipet tips, extended, bulk	TX-200	1000/PK,20PK/CASE
	200µL Pipet tips, extended, racked, sterile	TX-200-C-R-S	96/RACK,50RACK/CASE
	200µL Pipet tips, ultra-low retention, extended, bulk	TX-200-L	1000/PK,20PK/CASE
	200µL Pipet tips, ultra-low retention, extended, racked	TX-200L-R	96/RACK,50RACK/CASE
	200µL Pipet tips, filtered, extended, bulk	TXF-200	1000/PK,20PK/CASE
	200µL Pipet tips, filtered, extended, racked, sterile	TXF-200-C-R-S	96/RACK,50RACK/CASE
	200µL Pipet tips, filtered, ultra-low retention, extended, racked, sterile	TXF-200-L-R-S	96/RACK,50RACK/CASE

10ul 加长吸头	
1000ul 吸头	
1250ul 吸头	



Serological Pipette

Key features

- Pipettes are individually packaged in paper-plastic bags, and different colors are used to distinguish different sizes of pipettes
- Polyolefin filter cartridge to prevent contamination
- Minimizes liquid adhesion to the inner surface of Pipette, improving sampling accuracy
- Clear and concise scale, with negative scale for extra volume, for easy liquid aspiration and reading

Application	Product Name	Cat.No.	Quantity
For pipetting	Disposable serological pipettes，1ml，Individually wrapped, Sterile	DSP01	1000/CASE
	Disposable serological pipettes，2ml，Individually wrapped, Sterile	DSP02	500/CASE
	Disposable serological pipettes，5ml，Individually wrapped, Sterile	DSP05	200/CASE
	Disposable serological pipettes，10ml，Individually wrapped, Sterile	DSP10	200/CASE
	Disposable serological pipettes，25ml，Individually wrapped, Sterile	DSP25	200/CASE
	Disposable serological pipettes，50ml，Individually wrapped, Sterile	DSP50	100/CASE

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