

INCUBATOR SHAKER



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In Incubator Shaker, the constant agitation with uniform amplitude provides the optimum oxygen transfer to the cultures, leading to better and consistent yield. A variety of platforms and different laboratory accessories permits configuration to fulfill your demands.

SHA27-0300 INCUBATOR SHAKER

Speed can be set as 60-400 rpm

The electronic control of closed cycle adjustable heating system

Sainless steel interior and Electrostatic sprayed exterior

Call to restore function, without power supply

With strong influence of intermittent rapid heating system of.200 type and 100B type with air pressure regulating valve

Flexible and convenient, wide variety of detachable accessories



SPECIFICATIONS

Model	SHA27-0300
Speed Range	20-300 rpm
Standard Capacity	500mlx3, 250mlx3, 100mlx4, 50mlx4
Temperature	RT+5°C~60°C
Temperature Accuracy	±0.1°C
Temperature Uniformity	±1°C
Shaking Speed Accuracy	±1 rpm
Timing Range	Optional
Motion	Orbital
Amplitude	24 mm
Tray	1
Platform Dimension	4375x405 mm
Inner Dimension	428x456x360 mm
Overall Dimension	640x605x520 mm
Display	LCD
Weight	72 kg
Power	365 W
Power Supply	220V±10%

SHA2A-0300 INCUBATOR SHAKER

The electronic control of closed cycle adjustable heating system

Sainless steel interior and Electrostatic sprayed exterior

Call to restore function, without power supply

With strong influence of intermittent rapid heating system of.200 type and 100B type with air pressure regulating valve

Flexible and convenient, wide variety of detachable accessories



SPECIFICATIONS

Model	SHA2A-0300
Speed Range	20-300 rpm
Standard Capacity	500mlx4, 250mlx4, 100mlx5, 50mlx5
Temperature	4°C~60°C
Temperature Accuracy	±0.1°C
Temperature Uniformity	±1°C
Shaking Speed Accuracy	±1 rpm
Timing Range	Optional
Motion	Orbital
Amplitude	26 mm
Tray	1
Platform Dimension	450x400 mm
Inner Dimension	508x458x360 mm
Overall Dimension	800x700x530 mm
Display	LCD
Weight	100 kg
Power	580 W
Power Supply	220V±10%

SHA28-0300 INCUBATOR SHAKER

Encryption lock for operation parameters

The micro processing chip frequency control

With the timing function of 1 min to 99.9 hrs, the remaining time is displayed on LCD

Audible alarm

Motor overheating protection device

The unique three-dimensional eccentric wheel driving mechanism

With operating parameter memory function

Microprocessor PID controller

The AC induction motor drive, wide speed, constant torque, constant speed, no carbon brush, long life, maintenance free heating parts

Automatically cut off the heating power when overheating



SPECIFICATIONS

Model	SHA28-0300
Speed Range	20-300 rpm
Standard Capacity	250mlx24
Temperature	RT+5-60°C
Temperature Accuracy	±0.1°C
Temperature Uniformity	±1°C
Timing Range	Optional
Motion	Orbital
Amplitude	26 mm
Tray	2
Platform Dimension	500x350 mm
Overall Dimension	700x665x1350 mm
Display	LCD
Weight	150 kg
Power	720 W
Power Supply	220V, 50/60Hz

SHA29-0300 INCUBATOR SHAKER

Microprocessor controller

Stainless steel interior and Electrostatic sprayed exterior

Flexible and convenient, wide variety of detachable accessories



SPECIFICATIONS

Model	SHA29-0300
Speed Range	20-300 rpm
Standard Capacity	500mlx36
Temperature	RT+5-60°C
Temperature Accuracy	±0.1°C
Temperature Uniformity	±1°C
Timing Range	Optional
Motion	Orbital
Amplitude	26 mm
Tray	2
Platform Dimension	730x460 mm
Overall Dimension	980x820x1335 mm

Display	LCD
Weight	220 kg
Power	960 W
Power Supply	220V, 50/60Hz

SHA29-0300C INCUBATOR SHAKER

Encryption lock for operation parameters

The micro processing chip frequency control

With the timing function of 1 min to 99.9 hrs, the remaining time is displayed on LCD

Audible alarm

Motor overheating protection device

The unique three-dimensional eccentric wheel driving mechanism

With operating parameter memory function

Microprocessor PID controller

The AC induction motor drive, wide speed, constant torque, constant speed, no carbon brush, long life, maintenance free heating parts

Automatically cut off the heating power when overheating



SPECIFICATIONS

Model	SHA29-0300C
Speed Range	20-300 rpm
Standard Capacity	500mlx28 / 250mlx46
Temperature	RT+5-60°C
Temperature Accuracy	±0.1°C
Temperature Uniformity	±1°C
Motion	Orbital
Amplitude	36 mm
Tray	2
Platform Dimension	960x560 mm
Overall Dimension	1200x850x1440 mm
Display	LCD
Weight	360 kg
Power	1170 W
Power Supply	220V, 50/60Hz

SHA21-0300 INCUBATOR SHAKER

High quality cold rolling plate numerical control technology

Stainless steel inner bag

The temperature control accuracy is higher

Brushless DC motor, range, constant moment and constant rotation speed etc

The brushless DC drive technology makes the product durable and free of maintenance

Intelligent fuzzy PID control technology and brushless DC low speed constant torque technology

The material vessel will not be damaged and broken despite of the increase or decrease of load, or sudden change of speed

Self protection functions are provided for overheating of motor and abnormal operation of overloading

Flexible system design for repetition, eccentrically braced structure design for rotation, brushless motor, NSK bearing

Performance is more perfect



SPECIFICATIONS

Model	SHA21-0300
Speed Range	25-300 rpm/
Temperature	RT+5°C~60°C
Temperature Uniformity	±1°C
Temperature Precision	±0.1°C
Shaking Speed Accuracy	±1 rpm
Speed Increment	±1r/min
Timing Range	0~999 h
Motion	Rotary
Maximum Load Capacity	10 kg-25 rounds; 5 kg-300 rounds
Inner Dimension	485x335 mm
Overall Dimension	522x404x140 mm
Display	LED
Power Supply	220 V 50/60 Hz 30 VA

SHA22-0300 INCUBATOR SHAKER

High quality cold rolling plate numerical control technology

Stainless steel inner bag

The temperature control accuracy is higher

Brushless DC motor, range, constant moment and constant rotation speed etc

The brushless DC drive technology makes the product durable and free of maintenance

Intelligent fuzzy PID control technology and brushless DC low speed constant torque technology

The material vessel will not be damaged and broken despite of the increase or decrease of load, or sudden change of speed

Self protection functions are provided for overheating of motor and abnormal operation of overloading

Flexible system design for repetition, eccentrically braced structure design for rotation, brushless motor, NSK bearing

Performance is more perfect



SPECIFICATIONS

Model	SHA22-0300
Speed Range	25-300 rpm
Temperature	RT+5°C~60°C
Temperature Uniformity	±1°C
Temperature Precision	±0.1°C
Shaking Speed Accuracy	±1 rpm
Speed Increment	±1r/min
Timing Range	0~999 h
Motion	Reciprocal
Maximum Load Capacity	10 kg-25 rounds; 5 kg-300 rounds
Inner Dimension	415x355 mm
Overall Dimension	652x609x547 mm
Display	LED
Power Supply	220 V 50/60 Hz 350 VA

SHA23-0300 INCUBATOR SHAKER

- Integrate incubator and shaker
- Save lab space
- Compact designed, good temperature uniformity, low noise
- Micro-processor controls temperature and shaking speed
- Built-in time function
- Friendly designed touch screen and operation panel
- Cover can be widely angle opened, convenient to watch and pick sample
- Equipped with cover switch
- When the cover is open, air circulation, heating and shaking automatically stop
- No temperature overshoot problem
- Unique speed control circuit to ensure shaker smoothly starting to avoid liquid spilling
- Circulation fan speed can be adjusted to avoid high-speed of the circulation fan making the sample volatilizing
- Independent temperature alarm system
- Heating is cut off when temperature is over the limited value
- Alarm after program finished
- Brushless DC motor, long life and free maintenance



SPECIFICATIONS

Model	SHA23-0300
Speed Range	50-300 rpm
Temperature	RT+5-60°C
Temperature Accuracy	0.1°C
Temperature Stability @37°C	≤±0.3°C
Shaking Orbit	20 mm
Timing Range	1 min~99 h 59 min or continuous
Overall Dimension	360x435x320 mm
Weight	18.7 kg
Fuse	250 V,3 A/5 A, Φ5x20
Power	400 W
Power Supply	AC220 V/AC110, 50/60 Hz

OPTIONAL ACCESSORIES

Accessory Code	Name	Description
LS52773	Pallet Pad	Tray pad set
LS52799	Tube Rack	50xΦ16 mm / 15 ml
LS52812	Tube Rack	15xΦ25 mm
LS52825	Tube Rack	15xΦ29 mm / 50 ml

Accessory Code	Name	Description
LS52851	Tube Rack	50xΦ12 mm
LS52864	Tube Rack	50xΦ13 mm
LS52977	Flat Platform	

SHA24-1200 INCUBATOR SHAKER

- Integrate incubator and shaker
- Save lab space
- Compact designed, good temperature uniformity, low noise
- Micro-processor controls temperature and shaking speed
- Built-in time function
- Friendly designed touch screen and operation panel
- Cover can be widely angle opened, convenient to watch and pick sample
- Equiped with cover switch
- When the cover is open, air circulation, heating and shaking automatically stop
- No temperature overshoot problem
- Unique speed control circuit to ensure shaker smoothly starting to avoid liquid spilling
- Circulation fan speed can be adjusted to avoid high-speed of the circulation fan making the sample volatilizing
- Independent temperature alarm system
- Heating is cut off when temperature is over the limited value
- Alarm after program finished
- Brushless DC motor, long life and free maintenance



SPECIFICATIONS

Model	SHA24-1200
Speed Range	200-1200 rpm
Temperature	RT+5-60°C
Temperature Accuracy	0.1°C
Temperature Stability @37°C	≤±0.3°C
Shaking Orbit	3 mm
Timing Range	1 min~99 h 59 min or continuous
Overall Dimension	360x435x320 mm
Weight	18.7 kg
Fuse	250 V,3 A/5 A, Φ5x20
Power	400 W
Power Supply	AC220 V/AC110, 50/60 Hz

OPTIONAL ACCESSORIES

Accessory Code	Name	Description
LS53109	Platform	

SHA25-0300 INCUBATOR SHAKER

- Integrate incubator and shaker
- Save lab space
- Compact designed, good temperature uniformity, low noise
- Micro-processor controls temperature and shaking speed
- Built-in time function
- Friendly designed touch screen and operation panel
- Cover can be widely angle opened, convenient to watch and pick sample
- Equipped with cover switch
- When the cover is open, air circulation, heating and shaking automatically stop
- No temperature overshoot problem
- Unique speed control circuit to ensure shaker smoothly starting to avoid liquid spilling
- Circulation fan speed can be adjusted to avoid high-speed of the circulation fan making the sample volatilizing
- Independent temperature alarm system
- Heating is cut off when temperature is over the limited value
- Alarm after program finished
- Brushless DC motor, long life and free maintenance



SPECIFICATIONS

Model	SHA25-0300
Speed Range	50-300 rpm
Temperature	RT+5-60°C
Temperature Accuracy	0.1°C
Temperature Stability @37°C	≤±0.3°C
Shaking Orbit	20 mm
Timing Range	1 min~99 h 59 min or continuous
Overall Dimension	514x660x430 mm
Weight	44.2 kg
Fuse	250 V,3 A/5 A, Φ5x20
Power	600 W
Power Supply	AC220 V/AC110, 50/60 Hz

SHA26-0300 INCUBATOR SHAKER

- Integrate incubator and shaker
- Save lab space
- Compact designed, good temperature uniformity, low noise
- Micro-processor controls temperature and shaking speed
- Built-in time function
- Friendly designed touch screen and operation panel
- Cover can be widely angle opened, convenient to watch and pick sample
- Equiped with cover switch
- When the cover is open, air circulation, heating and shaking automatically stop
- No temperature overshoot problem
- Unique speed control circuit to ensure shaker smoothly starting to avoid liquid spilling
- Circulation fan speed can be adjusted to avoid high-speed of the circulation fan making the sample volatilizing
- Independent temperature alarm system
- Heating is cut off when temperature is over the limited value
- Alarm after program finished
- Brushless DC motor, long life and free maintenance



SPECIFICATIONS

Model	SHA26-0300
Speed Range	50-300 rpm
Temperature	4°C~60°C @RT≤25°C
Temperature Accuracy	0.1°C
Temperature Stability @37°C	≤±0.3°C
Shaking Orbit	20 mm
Timing Range	1 min~99 h 59 min or continuous
Overall Dimension	385x560x320 mm
Weight	18.7 kg
Fuse	250 V,3 A/5 A, Φ5x20
Power	600 W
Power Supply	AC220 V/AC110, 50/60 Hz



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