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SHAKERS



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3D Shaker

SHK-TD0509



SHK-TD0509

Screen Display



Double LCDs for independent display of time and speed.

Features

- Three-dimensional rocking motion with an angle of 9°.
- Max. load capacity is 5kg with platform.
- Speed range of 10–70rpm.
- Double LCDs for independent display of time and speed.
- Various of platform accessories.

Specifications

Model	SHK-TD0509
Tilt angle	9°
Max. load capacity (with platform)	5kg
Motor type	DC motor
Motor input power	40W
Motor output power	24W
Speed range	10–70rpm
Speed display	LCD
Timer display	LCD
Time settings range	1min–19h59min
Voltage	100–240V, 50/60Hz
Power	50W
Weight	9kg
Permissible ambient temperature and humidity	5–40°C, 80%RH
Dimension[W×D×H]	360×430×106mm
Protection class	IP21
Data connector	–

Shaker, Rocker Type

SHK-R0525



Description

- ◆ Suitable for various sample bottles, such as petri dishes, flasks and flasks.
- ◆ Stainless steel pallet and wearresistant rubber platform, acid and alkali resistance, non-deformation, easy cleaning and anti-leakage
- ◆ LED display, convenient operation.
- ◆ Continuous work,Wear-resistant and low noise.

Specifications

Model	SHK-R0525
Speed	10~100rpm
Timing	1m~99h59min
Tilt Angle	10°
Loading	5.0kg
Voltage	AC100~230V, 50/60HZ
Power	45W
Fuse	250V, 1A
Platform Dimension(W×L)(mm)	300×240
Size(W×D×L)(mm)	284×264×134
Weight	5.6kg

Optional and Required Platforms

CP1: Single tray



CP2: Double tray



Description

SHK-R0525 Rocker Shaker is a mixing device that controlled by DC brushless motor and microcomputer.

When installed inside a bio-incubator it is ideal for growing cells and cell cultures in disposable plastic reactor-bags.It can be directly used in the greenhouse or in the freezer. It provides both soft and intensive mixing of solutions or nutrient media in vessels or plastic bags placed on the platform.

The device is ideal for gel destaining after electrophoresis and homogenization of bioextraction media. It is optimal for biomolecule hybridization on strips and for staining/destaining procedures.

Shaker, Rocker Type

SHK-R1009



Features

- Double LCDs for independent display of time and speed.
- Rocking motion angle 9°.
- load capacity is 10kg with platform.
- Speed range of 10-70rpm.
- Wide range of platforms for use with a variety of vessels.

Specifications

Model	SHK-R1009
Tilt angle	9°
Max. load capacity (with platform)	10kg
Motor type	DC motor
Motor input power	40W
Motor output power	24W
Speed range	10-70rpm
Speed display	LCD
Timer display	LCD
Time settings range	1min-99h59min
Voltage	100-240V, 50/60Hz
Power	50W
Weight	9kg
Permissible ambient temperature and humidity	5-40°C, 80%RH
Dimension[W×D×H]	360×410×200mm
Protection class	IP21

Shaker, Linear Type

SHK-L0710 SHK-L0204



Description

- Load capacity is 7.5kg(L0710) and 2.5kg(L0204) with platform.
- Maintenance- free brushless DC motor.
- Double LCDs for independent display of time and speed.
- Over speed detection and protection.
- Wide range of platforms for use with a variety of vessels.



Specifications

Model	SHK-L0710	SHK-L0204
Amplitude	10mm	4mm
Max. load capacity (with platform)	7.5kg	2.5kg
Motor type	Brushless DC motor	
Motor input power	28W	
Motor output power	15W	
Speed range	100-350rpm	
Speed display	LCD	
Timer display	LCD	
Time settings range	1min-99h59min	
Voltage	100-240V, 50/60Hz	
Power	30W	
N.W.	13.5kg	8.1kg
G.W.	15kg	10.5kg
Permissible ambient temperature and humidity	5-40℃, 80%RH	5-40℃, 80%RH
Dimension[W×D×H]	370×420×100mm	300×340×100mm
Package Dimension[W×D×H]	600×510×230mm	500×460×330mm
Protection class	IP21	IP21
Data connector	RS232	RS232



Shaker, Orbital Type

SHK-O0204

Description

- Load capacity is 2.5kg with platform.
- Used with a wide variety of accessories.
- Maintenance- free brushless DC motor.
- Over speed detection and protection.
- Double LCDs for independent display of time and speed.
- Remote function provides PC control and data transmission.



Specifications

Model	SHK-O0204
Orbital diameter	4mm
Max. load capacity (with platform)	2.5kg
Motor type	Brushless DC motor
Motor input power	28W
Motor output power	15W
Speed range	100-800rpm
Speed display	LCD
Timer display	LCD
Time settings range	1min-99h59min
Voltage	100-240V, 50/60Hz
Power	30W
Weight	8.1kg
Permissible ambient temperature and humidity	5-40℃, 80%RH
Dimension[W×D×H]	300×340×100mm
Protection class	IP21
Data connector	RS232

Shakers, Fixed Top, Orbital Type

SHK-O0310



Description

- Max. load capacity 3kg;
- Independent LCD display for speed and time;
- Speed and time value can be altered during running;
- Maintenance-free brushless DC motor;
- Continuous or timing mode optional
- Foot screws height can be adjusted to make sure stable running;

Specifications

Model	SHK-O0310
Orbital Diameter	10mm
Max. Load capacity	3kg
Motor type	Brushless DC Motor
Motor Input Power	20W
Motor Output Power	15W
Speed Range	70~400rpm
Speed Display	LCD
Timer Display	LCD
Time Setting Range	1~99h59min
Voltage	100~240V, 50/60Hz
Power	25W
Weight	9.8kg
Permissible Ambient temperature and humidity	5~40℃, 80%RH
Dimension(W×D×H)	420mm×370mm×100mm
Protection class	IP21



Shakers

SHK-O0310III



Description

SHK-O0310III Orbital Shaker is a high speed shaker with direct brushless DC motor and microprocessor controlled technique. It can be applicable in different laboratories: in microbiology, biotechnology, medical analysis, etc.



LCD display.



Easy to operate with one-touch knob

Features

- LCD displays time and shaking speed.
- Easy to operate with one-touch knob.
- Warm root and variety of platforms can be chosen.
- When time control ends, instrument will make alarm voice.
- Gentle and reliable shaking with direct brushless DC motor.

Specifications

Model	SHK-O0310III
Time range	1min~99h59min
Speed range	50~300rpm
Orbit	10mm
Power	50W
Electricity	AC110~240V, 50/60Hz
External Dimension(W*D*H)	270×280×110mm
Net weight	7kg
Max.load capacity	2.5kg

Optional and Required Platforms

Type	Picture	Description
PP-1		Flat platform for 8pcs petri dish
PP-2		Universal platform with adjustable bars, for 6x100ml or 4x250ml conical flask
PP-3 (100ml)		Platform with clamps for 12x100ml conical flask
PP-3 (250ml)		Platform with clamps for 6x250ml conical flask

Shaker, Orbital Type

SHK-O0320



Description

- Load capacity is 2kg with platform.
- Double LEDs for independent display of time and speed.
- Speed range of 40-200rpm.
- Only the standard work plate shown in the picture, without optional work plat.

Specifications

Model	SHK-O0320
Orbital diameter	20mm
Max. load capacity (with platform)	2kg
Motor type	Brushless DC motor
Motor input power	20W
Motor output power	16W
Speed range	40-200rpm
Speed display	LED
Timer display	LED
Time settings range	1min-99h59min
Voltage	100-240V,50/60Hz
Power	20W
Weight	3.1kg
Permissible ambient temperature and humidity	5-40 C ,80%RH
Work plate Dimension [W×DJ]	268×268mm
Dimension[W×D×H]	294×348×123mm
Protection class	IP21
Data connector	-



Shaker, Orbital Type

SHK-O0710



Specifications

Model	SHK-O0710
Orbital diameter	10mm
Max. load capacity (with platform)	7.5kg
Motor type	Brushless DC motor
Motor input power	28W
Motor output power	15W
Speed range	100-500rpm
Speed display	LCD
Timer display	LCD
Time settings range	1min-99h59min
Voltage	100-240V,50/60Hz
Power	30W
Weight	12kg
Permissible ambient temperature and humidity	5-40 C , 80%RH
Dimension[W×D×H]	370×420×100mm
Protection class	IP21
Data connector	RS232
Package Dimension (W*D*H)(mm)	610*520*230
G.W.(kg)	14.5

Features

- Double LCDs for independent display of time and speed.
- load capacity is 7.5kg
- Used with a wide variety of accessories.
- Maintenance- free brushless DC motor.
- Over speed detection and protection.
- Remote function provides PC control and data transmission.



Orbital Shaker

SHK-O0220II



Description

SHK-O0220II Orbital Shaker is a high speed shaker with brushless DC motor and microprocessor controlled technique. Mix and culture all kinds of flask, petri dish and beaker, by changing different platforms. It can be applicable in different laboratories: biotechnology, microbiology and medicine analysis, etc.



Features

- LCD displays time and shaking speed.
- With special Forwards/Reverse shaking and pause function, it can be shaking intermittently.
- Beep alarm when operation ends.
- Different platforms can be chosen for variety demands.
- Soft start, uniform acceleration, effectively avoid splash sample.
- Gentle and reliable shaking with direct brushless DC motor.

Specifications

Model	SHK-O0220II
Timing range	1min~99h59min
Forwards/Reverse shaking	Yes
Timing range for Forwards/Reverse shaking	0~99min
Timing range for pause	0~99sec
Shaking speed	50~250rpm
Orbit	20mm
Max. load	2.5kg
Power	35W
Electricity	AC110~240V, 50/60Hz
Dimension(with PP-1)	280*270*110(mm)
Weight(with PP-1)	8.2kg

Optional Platforms

Model	Description
PP-1	Flat platform for 8pcs petri dish
PP-2	Universal platform with adjustable bars, for 6x100ml or 4x250ml conical flask
PP-3	Platform with clamps for 12x100ml conical flask
PP-3	Platform with clamps for 6x250ml conical flask

Optional and Required Platforms

Type	Picture	Description
PP-1		Flat platform for 8pcs petri dish
PP-2		Universal platform with adjustable bars, for 6x100ml or 4x250ml conical flask
PP-3 (100ml)		Platform with clamps for 12x100ml conical flask
PP-3 (250ml)		Platform with clamps for 6x250ml conical flask

Shaker for Microplates

SHK-M4II



Description

SHK-M4II Shaker for Microplates is a type of high speed shaker, which is with brushless DC motor and microprocessor controlled technique, specially for elisa plates (96/384 wells), tissue culture plates (24/48/96 wells).



Features

- ◆LCD display system status and parameters.
- ◆Stable and reliable shaking.
- ◆Easy to operate with one touch knob.
- ◆Automatic fault detection and buzzer alarm function.

Specifications

Model	SHK-M4II
Time range	1min ~ 99h59min
Speed range	200~1500rpm
Mixing orbit	3mm
Speed step value	10rpm
Sample capacity	4plates
Power	45W
Voltage	AC100V~240V 50/60Hz
Dimension(mm)	280×270×110
Weight(kg)	4.0

Shaker, Microplate Type

SHK-M2000



Description

- SHK-M2000 is a high speed shaker with direct brushless DC motor and microprocessor controlled technique, specifically for Elisa plate and cell culture plate. It can hold 2pcs Elisa plates(96/384wells), deep-well plates and cell culture plates(24/48/96wells).

Features

- LCD real-time display system status and parameters.
- Timer from 0 to 99h59min.
- Support 2 standard microplates and deep well plates.
- Brushless DC motor, low noise, small interference, free maintenance.
- The built-in status indicator allows the user to quickly get the status of the device.
- When timing ends, system will make an alarm voice automatically.
Automatic fault detection and buzzer alarm function.
- With special fixing way, install and disassemble the plates quickly, don't need the additional tool.

Specifications





Model	SHK-M2000
Sample Capacity	2plates
Speed Range	200~2000rpm
Mixing Orbit	2mm
Timing Range	1min ~ 99h59min/∞
Speed Step Value	10rpm
With Status Indicator Light	Yes
Power	45W
Voltage	DC24V/2A
External Dimension(L*W*H)	294*200*107mm
N.W./G.W.	3.8kg/5kg
Package Dimension (W*D*H)	360*310*230mm

Shaker, Microplate Type

SHK-M4



Features

-  LCD display, easy to use.
-  Equipped with high quality power adapter.
-  Controlled by PID, precise speed, stable and quiet.
-  Unique design with four rubbers buffer at corners providing stable shaking.

Description

- This shaker is designed for plates like Elisa plate(96/384 microplate), cell culture plate(24/48/96 plate), providing adjustable speed for a broad range of applications in immunoassay or dyeing experiments.








Specifications








Model	SHK-M4
Speed Range	200~1500rpm
Amplitude	3mm (Horizontal rotation)
Timer	0~99h59min
Electricity	AC100-230V,50-60Hz
Max.Power	45W
Dimension (W*D*H)	280*278*126 mm
N.W./G.W.	5.7kg/8kg
Package Dimension (W*D*H)	430*430*300mm

Shaker

Optional Accessories

Optional Accessories

Type	Picture	Description	SHK-O0710	SHK-L0710	SHK-R1009	SHK-TD0509	SHK-O0204	SHK-L0204
18900155		Dish platform with non-slip mat and fixed string (8pcs) Dimension[WxD]: 30x28.5cm	●	●	●	●		
18202835		Silicone mattress for 16x5~15ml tubes use with 18900155	●	●	●	●		
18202846		Silicone mattress for 6x50ml tubes use with 18900155	●	●	●	●		
18900185		Dish attachment with non-slip mat Dimension[WxD]: 24x21.5cm					●	●
18202852		Silicone mattress for 10x5~10ml tubes					●	●
18202853		Silicone mattress for 4x50ml tubes					●	●
18900027		Universal attachment with 4 bars Size: 32x32cm Capacity for flask: 25mLx21pcs, 50mLx15pcs, 100mLx12pcs, 250mLx6pcs, 500mLx4pcs	●	●	●	●		

Type	Picture	Description	SHK-O0710	SHK-L0710	SHK-R1009	SHK-TD0509	SHK-O0204	SHK-L0204
18900040		Lengthways roller attachment Size: 32x32cm Capacity for separatory funnel: 500mLx3pcs, 250mLx4pcs 100/125mLx4pcs, 50mLx5pcs	●	●	●	●		
18900025		Universal attachment with 3 bars Size: 25x24.5cm Capacity for flask: 25mLx10pcs, 50mLx8pcs, 100mLx6pcs, 250mLx4pcs, 500mLx2pcs					●	●
18900038		Lengthways roller attachment Size: 25x24.5cm Capacity for separatory funnel: 500mLx2pcs, 250mLx3pcs 100/125mLx3pcs, 50mLx4pcs					●	●
18900036		Bar for 18900027 universal attachment	●	●	●	●		
18900037		Bar for 18900025 universal attachment					●	●
18900280		Connect sticks for double dishes shaker	●	●	●	●	●	●
18900028		Fixing clip attachment Size: 32x32cm	●	●	●	●		
18900026		Fixing clip attachment Size: 25x24cm					●	●
18900029		Fixing clip for flask volume 25mL used with 18900028[28pcs] 18900026[9pcs]	●	●	●	●	●	●
18900030		Fixing clip for flask volume 50mL used with 18900028[16pcs] 18900026[9pcs]	●	●	●	●	●	●
18900031		Fixing clip for flask volume 100mL used with 18900028[16pcs] 18900026[9pcs]	●	●	●	●	●	●
18900032		Fixing clip for flask volume 200/250mL used with 18900028[9pcs] 18900026[4pcs]	●	●	●	●	●	●
18900033		Fixing clip for flask volume 500mL used with 18900028[9pcs] 18900026[2pcs]	●	●	●	●	●	●