# Infitek SHAKERS









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# **3D Shaker**

### **SHK-TD0509**

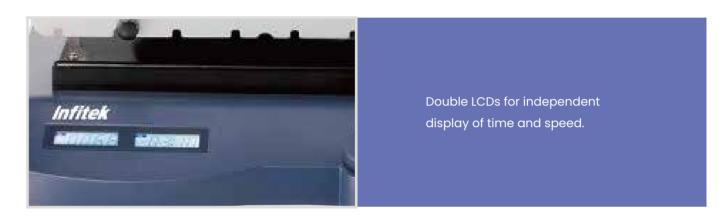


### SHK-TD0509

# **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.

# Screen Display

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# **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	-

Shakers Rocking Shaker

### Infitek

# **Shaker, Rocker Type**

SHK-R0525

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**SHK-R1009** 



# **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.

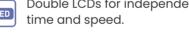
# **Specifications**

Model	SHK-R0525
Speed	10~100rmp
Timing	lm∼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

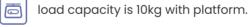
### **Optional and Required Platforms**











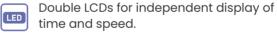


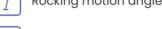




**Shaker, Rocker Type** 

### **Features**









# **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	5-40°C, 80%RH
and humidity	5-40 C, 60 /km
Dimension[W×D×H]	360×410×200mm
Protection class	IP21

# 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, Linear Type**

### SHK-L0710 SHK-L0204

# **Shaker, Orbital Type**

SHK-00204

# **Description**



Load capacity is 7.5kg(L0710) and 2.5kg(L0204) with platform.



Maintenance- free brushless DC motor.



Double LCDs for independent display oftime and speed.



Over speed detection and protection.



Wide range of platforms for use with avariety of vessels.



# **Description**



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Load capacity is 2.5kg withplatform.



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-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°C, 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

# **Specifications**

Model	SHK-00204
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	lmin-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-00310** 





# **Description**



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;



Model	SHK-00310
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	5~40℃, 80%RH
and humidity	400 070 100
Dimension(W×D×H)	420mm×370mm×100mm
Protection class	IP21







# **Shakers**

### **SHK-00310III**









Easy to operate with one-touch knob

# **Description**

SHK-00310111 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 analy-

### **Features**

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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-00310III
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**

Туре	Picture	Description
PP-1	722	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

Shakers Orbital Shaker

# **Shaker, Orbital Type**

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## SHK-00710

# **Description**

SHK-00320

Load capacity is 2kg with platform.

Double LEDs for independent display oftime and speed.

Speed range of 40-200rpm.

Only the standard work plate shown in the picture, without optional work plat.



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**Shaker, Orbital Type** 

# **Specifications**

Model	SHK-00320
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	-







### **Features**

Double LCDs for independent display of time and speed.

I 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.



# **Specifications**

Model	SHK-00710
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

# **Orbital Shaker**

**SHK-00220II** 

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# **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**



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-00220II
Timing range	lmin~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**

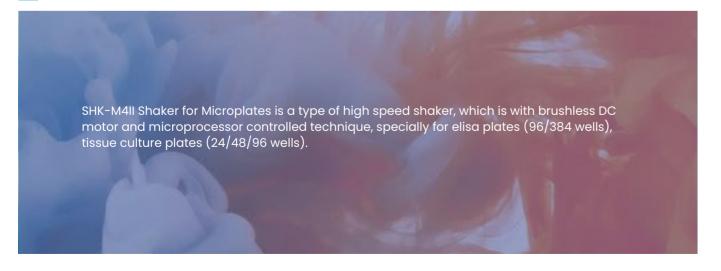
Туре	Picture	Description
PP-1		Flat platform for 8pcs petri dish
PP-2		Universal platform with adjustable bars, for 6x100ml or 4x250ml conical flask
PP-3 (100ml)		Platform with clamps for 12x100ml conical flask
PP-3 (250ml)		Platform with clamps for 6x250ml conical flask

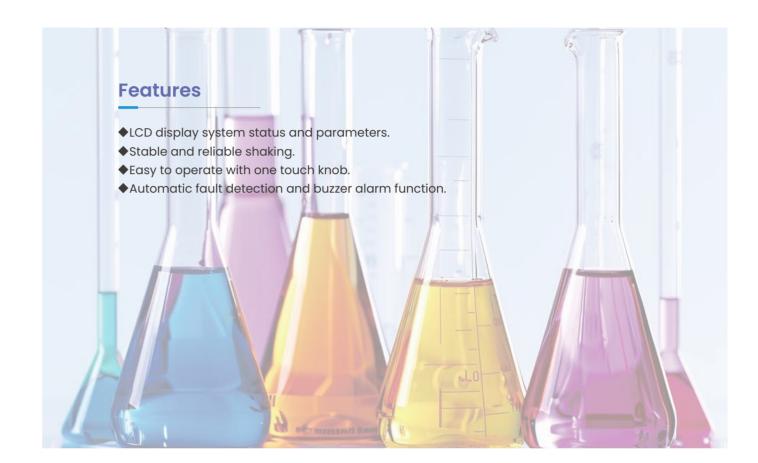
# **Shaker for Microplates**

SHK-M4II



# **Description**





# **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

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# **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	lmin ~ 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





# 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.

### **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.

# **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**

Туре	Picture	Description	SHK-00710	SHK-L0710	SHK-R1009	SHK-TD0509	SHK-00204	SHK-L0204
18900155		Dish platform with non-slip mat and fixed string (8pcs) Dimension[WxD]: 30x28.5cm	•	•	•	•		
18202835	Ammong	Silicone mattress for 16x5~15ml tubes use with 18900155	•	•	•	•		
18202846	400000	Silicone mattress for 6x50ml tubes use with 18900155	•	•	•	•		
18900185		Dish attachment with non-slip mat Dimension[WxD]: 24x21.5cm					•	•
18202852	Ammo	Silicone mattress for 10x5~10ml tubes					•	•
18202853	AMM	Silicone mattress for 4x50ml tubes					•	•
18900027		Universal attachment with 4 bars Size: 32x32cm Capacity for flask: 25mLx21pcs, 50mLx15pcs, 100mLx12pcs, 250mLx6pcs, 500mLx4pcs	•	•	•	•		



Туре	Picture	Description	SHK-00710	SHK-L0710	SHK-R1009	SHK-TD0509	SHK-00204	SHK-L0204
18900040	N Salar	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	A TOTAL OF THE PARTY OF THE PAR	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	1	Fixing clip attachment Size: 25x24cm					•	•
18900029		Fixing clip for flask volume 25mL used with 18900028[28pcs] 18900026[9pcs]	•	•	•	•	•	•
18900030	8	Fixing clip for flask volume 50mL used with 18900028[16pcs] 18900026[9pcs]	•	•	•	•	•	•
18900031	8	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	8	Fixing clip for flask volume 500mL used with 18900028[9pcs] 18900026[2pcs]	•	•	•	•	•	•