

Lab & Medical Equipment



SHAKER Equipments & Accessories

BIOBASE®

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About Us

BIOBASE group, the professional manufacturer for Laboratory and Medical equipment.

During long term friendly bilateral cooperation relationship with customers, BIOBASE is always being trusted. The customers purchase BIOBASE made goods, at the mean time, more and more customers are willing to buy a variety of goods from BIOBASE.

In order to satisfy customers demand and ensure customers' benefit, BIOBASE made field trip to many suppliers in China, controlled the product quality strictly in stead of customers, as well as strived from the suppliers to get competitive pricing. Recently, BIOBASE has confirmed many OEM partners and will keep searching for more suppliers upon customers' request.

BIOBASE provide one-stop procurement solution which can not only reduce the resoucing cost, but also can ensure good quality and sufficient after-sale service.

In addition, any abroad strong manufacturer is welcomed to contact us, we can work together to open China market through BIOBASE China.



Shaker

Orbital and Linear Shaker

Digital orbital and linear shaker is suitable for mixing in culture dishes, flasks and beakers.



Features:

- * LCD display.
- * Over speed detection and protection.
- * Different platforms and fixtures for selection.
- * Can hold 3 pcs platform (only for SK330.5 or SK180.4 petri dish platform)

Technical Parameters:

Model	SK-O330-Pro / SK-L330-Pro	SK-O180-Pro / SK-L180-Pro
Shaking Motion	Orbital /Linear	
Orbital Diameter	10mm	4mm
Max. Shaking Weight (with attachment)	7.5kg	2.5kg
Motor Type	Brushless DC motor	
Motor Input	28W	
Motor Output	15W	
Speed Range (rpm)	100~500 (Orbital) 100~350 (Linear)	100~800 (Orbital) 100~350 (Linear)
Speed Display	LCD	
Time Range	1~1199min	
Operation Mode	Continuous/timed operation	
Ambient Temp.	5~40℃	
Protection Type	IP21	
Connection Interface	RS232	
Consumption	30W	
Power Supply	AC110/220V±10%, 50/60Hz	
Standard Accessory	1pc SK330.1 universal attachment	1pc SK180.1 universal attachment
External Size(W*D*H)	370*420*100mm	300*340*100mm
Package Size(W*D*H)	500*600*230mm (Shaker) 380*480*200mm (Accessory)	450*450*200mm (Shaker) 380*480*200mm (Accessory)
Gross Weight	15kg (Shaker), 2kg (Accessory)	10kg(Shaker), 2kg (Accessory)

3D and Rocking Shaker

3D shaker and Rocking shaker are suitable for mixing applications in wide fields including, gel staining and destaining, washes, hybridisations, immune precipitation and Western blots etc.



SK-D3309-Pro

SK-R330-Pro

Features:

- * LCD display.
- * Different platforms and fixtures for selection.
- * 3D shaker: gentle 3D motion with fixed angle 9°;
Rocking shaker: smooth see-saw rocking motion with fixed angle 9°.
- * Can hold 3 pcs platform (only for SK330.5 petri dish platform)

Technical Parameters:

Model	SK-D3309-Pro	SK-R330-Pro
Rocking Motion	3D orbital	See-saw rocking
Angle	9°	
Max. Load Capacity (with attachment)	5kg	10kg
Motor Type	DC motor	
Speed Range	10~70rpm	
Speed Display	LCD	
Time Range	1~1199min	
Operation Mode	Continuous/ timed operation	
Ambient Temp.	5~40℃	
Protection Type	IP21	
Consumption	50W	
Power Supply	AC110/220V±10%, 50/60Hz	
Standard Accessory	1pc SK330.5 petri dish platform	
External Size(W*D*H)	360*430*106mm	360*410*200mm
Package Size(W*D*H)	480*540*370mm	480*560*340mm
Gross Weight	17kg	15.5kg

Optional Accessories:

								
Cat. No.	18900027	18900040	18900155	18900028	18900025	18900038	18900185	18900026
Model	SK330.1	SK330.3	SK330.5	SK330.2	SK180.1	SK180.3	SK180.4	SK180.2
Descriptions	Universal attachment with 4 bars Size(W*D): 300*300mm	Lengthways roller attachment Size(W*D): 300*300mm	Petri dish platform with non-slip mat and fixed string (8 pcs) Size(W*D): 300*285mm	Fixing clip attachment	Universal attachment with 3 bars Size(W*D): 240*240mm	Lengthways roller attachment Size(W*D): 240*240mm	Petri dish platform with non-slip mat Size(W*D): 240*215mm	Fixing clip attachment
Used with Shakers								
SK-R330-Pro	√	√	√	√	/	/	/	/
SK-D3309-Pro	√	√	√	√	/	/	/	/
SK-O330-Pro/ SK-L330-Pro	√	√	√	√	/	/	/	/
SK-O180-Pro/ SK-L180-Pro	/	/	/	/	√	√	√	√

							
Cat. No.	18900029	18900030	18900031	18900032	18900033	18900036	18900037
Descriptions	Fixing clip for flask volume 25ml, used with SK330.2 (28pcs)&SK 180.2 (9pcs)	Fixing clip for flask volume 50ml, used with SK330.2 (16pcs)&SK 180.2 (9pcs)	Fixing clip for flask volume 100ml, used with SK330.2 (16pcs) & SK180.2 (9pcs)	Fixing clip for flask volume 200ml/250ml, used with SK330.2 (9pcs) &SK180.2 (4pcs)	Fixing clip for flask volume 500ml, used with SK330.2 (9pcs) & SK180.2 (2pcs)	Bar for SK330.1 universal attachment	Bar for SK180.1 universal attachment
Used with Shakers							
SK-R330-Pro	√	√	√	√	√	√	/
SK-D3309-Pro	√	√	√	√	√	√	/
SK-O330-Pro/ SK-L330-Pro	√	√	√	√	√	√	/
SK-O180-Pro/ SK-L180-Pro	√	√	√	√	√	/	√

Wrist Shaker



Features:

- * PID microprocessor control, LCD display.
- * Maintenance-free spherical bearings.
- * 8 customized programs, with different speed and time setting.
- * Automatic operation, auto-stop, timing,time display, parameters memory and recovery function.
- * Simulating manual oscillation from mild to strong shaking.
- * Suitable for flask, reagent bottles, tubes, jars, narrow mouth bottles, retort, separating funnel, straight mouth bottles.
- * Leakage current and over current safety protection system.
- * Can be used in incubators, warm rooms, environmental chambers and refrigerators.

Technical Parameters:

Model	SK-W810
Angle Shaking	12°
Rotary Speed	50~600rpm
Rotary Accuracy	±1rpm
Operation Mode	Continuous or timing
Max. Opening of the Clips	50mm
Max. loading	Each side is 6.8 Kg
Ambient Temp.	4℃~40℃
Ambient Humidity	20%~80%RH
Motor	Variable frequency motor
Material	Main body and arm 304 stainless steel
Standard Accessory	Main body, arm stand, flask clip*12 pcs
Consumption	60W
Power Supply	AC110/220V±10%, 50/60Hz
Main Body Size(W*D*H)	272*452*320mm
Complete Machine Size(W*D*H)	810*452*320mm
Package Size(W*D*H)	590*500*600mm
Net/Gross Weight	30kg/45kg

Table Top Small Capacity Shaker

SK-311TD / 322 TD are large vibration type, vibration range is 100mm.
 SK-300D / 311D / 322D are single-layer type, vibration range is 50mm.



SK-300D



SK-311D/TD



SK-322D/TD

Features:

- * PID microprocessor control.
- * Advanced unishaft drive, low noise.
- * Eight self-compiled programs, with different speed and time setting.
- * Automatic operation, auto-stop, timing, time display, parameters memory and recovery function.
- * Independent over-speed audio and visual alarm, independent leakage protection device.
- * Automatic power-off protection system when the motor is overheating and temperature is out of control.

Technical Parameters:

Model	SK-300D	SK-311D	SK-311TD	SK-322D	SK-322TD
Controller	PID				
Display	LCD				
Circulation Mode	Natural convection				
Shaking Mode	Rotatory shaking				
Drive Mode	Unishaft drive				
Rotating Speed	30~300rpm	30~300rpm	30~250rpm	30~300rpm	30~250rpm
Rotating Accuracy	±1rpm				
Vibration Range	Φ50mm	Φ50mm	Φ100mm	Φ50mm	Φ100mm
Timing Range	0 ~999.59hours				
Shaking Plate Size	680*500mm	840*620mm	840*620mm	1108*740mm	1108*740mm
Standard Capacity (Clamps)	250ml*30	250ml*54		250ml*96	
Optional Flask Clamps	250ml*30 or	250ml*54 or		250ml*96 or	
	500ml*24 or	500ml*35 or		500ml*60 or	
	1000ml*15 or	1000ml*24 or		1000ml*40 or	
	5000ml*4	5000ml*6		5000ml*12	
External Material	Cold-rolled steel with anti-bacterial powder coating				
Consumption	70W	150W	150W	280W	280W
Power Supply	AC110/220V±10%, 50/60Hz				
External Size (W*D*H)mm	680*615*300	900*650*480	900*650*480	1210*775*480	1210*775*480
Package Size (W*D*H)mm	780*715*450	1000*750*630	1000*750*630	1310*875*630	1310*875*630
Gross Weight(kg)	128	245	300	365	305

Table Top Large Capacity Shaker

Double-layer Shaker



SK-3112



SK-3222



SK-3332

SK-3112/3222/3332 are double layer large-capacity shakers, vibration range is 50mm.

SK-3432 is three-layer large-capacity shakers, vibration range is 50mm.

Features:

- * Soft shaking mode, stable and reliable operation.
- * Eight self-compiled programs, with different speed and time setting.
- * Automatic operation, auto-stop, timing, time display, parameters memory and recovery function.
- * Automatic power-off protection system when the motor is overheating and temperature is out of control.

Three-layer Shaker



SK-3432

Technical Parameters:

Model	SK-3112	SK-3222	SK-3332	SK-3432
Controller	PID			
Display	LCD			
Circulation Mode	Natural convection			
Shaking Mode	Rotary shaking			
Drive Mode	Unishaft drive		Multidimensional driving	
Rotating Speed	30~300 rpm		30~250 rpm	
Rotating Accuracy	±1rpm			
Vibration Range	Φ50mm			
Timing Range	0 ~999.59h			
Shaking Plate Size	840*620mm	1108*740mm	1080*680 mm	1080*680 mm
Shaking Plate Quantity	2 pcs		4 pcs	6 pcs
Standard Capacity (Clamps)	250ml*54	250ml*96	250ml*150	250ml*225
	500ml*35	500ml*60	500ml*108	500ml*162
Optional Flask Clamps	250ml*108 or	250ml*192 or	250ml*300 or	250ml*450 or
	500ml*70 or	500ml*120 or	500ml*216 or	500ml*324 or
	1000ml*48	1000ml*80	1000ml*112	1000ml*168
External Material	Cold-rolled steel with anti-bacterial powder coating			
Power Supply	AC110/220V±10%, 50/60Hz			
Consumption	280W		750W	1100W
External Size(W*D*H) mm	910*680*820	1270*810*425	1590*1120*950	1470*1110*1320
Package Size(W*D*H) mm	1010*780*970	1370*910*575	1690*1220*1000	1570*1210*1470
Gross Weight(kg)	358	552	789	800