

Lab & Medical Equipment



SHAKER

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Shaker

Orbital and Linear Shaker

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



Features:

- * Double LCDs for independent display of time and speed.
- * Over speed detection and protection.
- * Different platforms and fixtures for selection.
- * Remote function provides PC control and data transmission.

Technical Parameters:

Model	SK-O330-Pro	SK-L 330-Pro	SK-O180-Pro	SK-L 180-Pro
Item No.	8032220100			
Shaking Motion	Orbital	Linear	Orbital	Linear
Orbital Diameter	10mm	/	4mm	/
Amplitude	/	10mm	/	4mm
Max. Shaking Weight (with attachment)	7.5kg		2.5kg	
Motor Type	Brushless DC motor			
Motor Input	28W			
Motor Output	15W			
Speed Range	100-500rpm	100-350rpm	100-800rpm	100-350rpm
Speed And Timer Display	LCD			
Time Range	1~1199min			
Operation Mode	Continuous/timed operation			
Working Environment	5~40℃, 80%RH			
Protection Type	IP21			
Connection Interface	RS232			
Consumption	30W			
Power Supply	100~240V,50/60Hz			
Standard Accessory	1pc SK330.1 universal attachment		1pc SK180.1 universal attachment	
External Size(W*D*H)	420*370*100mm		340*300*100mm	
Package Size(W*D*H)	600*500*230mm (shaker)		450*450*170mm (shaker)	
	450*350*260mm (accessories)		450*350*260mm (accessories)	
Gross Weight	15kg (shaker), 3kg (accessories)		10kg (shaker), 3kg (accessories)	

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:

- * Double LCDs for independent display of time and speed.
- * 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°.

Technical Parameters:

Model	SK-D3309-Pro	SK-R330-Pro
Item No.	8032422100	8032322100
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 And Timer Display	LCD	
Time Range	1~1199min	
Operation Mode	Continuous/ timed operation	
Working Environment	5-40°C, 80%RH	
Motor Input	IP21	
Motor Output	40W	
Protection Type	24W	
Consumption	50W	
Power Supply	100~240V,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)	540*480*370mm	540*480*340mm
Gross Weight	16kg	15kg

Optional Accessories:

									
Cat. No.	18900027	18900040	18900155	18900028	18900025	18900038	18900185	18900026	18900200
Model	SK330.1	SK330.3	SK330.5	SK330.2	SK180.1	SK180.3	SK180.4	SK180.2	SK180.6
Descriptions	Universal attachment with 4 bars	Lengthways roller attachment	Petri dish platform with non-slip mat and fixed string (8 pcs)	Fixing clip attachment	Universal attachment with 3 bars	Lengthways roller attachment	Petri dish platform with non-slip mat	Fixing clip attachment	Dish attachment with non-slip mat
	Size(W*D): 320*320mm	Size(W*D): 320*320mm	Size(W*D): 300*285mm		Size(W*D): 250*245mm	Size(W*D): 250*245mm	Size(W*D): 240*215mm		Size(W*D): 280x280mm
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	18900280
Descriptions	Fixing clip for flask volume 25ml, used with SK330.2 (56pcs)&SK 180.2 (36pcs)	Fixing clip for flask volume 50ml, used with SK330.2 (28pcs)&SK 180.2 (18pcs)	Fixing clip for flask volume 100ml, used with SK330.2 (28pcs) & SK180.2 (18pcs)	Fixing clip for flask volume 200ml/250ml, used with SK330.2 (13pcs) &SK180.2 (8pcs)	Fixing clip for flask volume 500ml, used with SK330.2 (9pcs) & SK180.2 (8pcs)	Bar for SK330.1 universal attachment	Bar for SK180.1 universal attachment	Connect sticks for double dishes shaker
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-810/SK-830F



SK-851/SK-871/SK-861F/SK-881F

Applications:

It is widely used in bacterial culture, fermentation, hybridization, biochemical reaction, enzyme and cell tissue research in the pharmaceutical industry. It has extensive and major applications in research and application fields such as medicine, biology, molecular science, pharmacy, food, and environment.

Features:

- * Incoming call recovery function.
- * Equipped with high-quality servo motor, the control speed is accurate, the high and low speed performance is good, and the stability is strong.
- * Ultra-low speed start function, adjustable start speed. The speed-up control circuit is adopted to start slowly and accelerate steadily to ensure the safety of experimental samples.

Technical Parameters:

Model	SK-810	SK-851	SK-871	SK-830F	SK-861F	SK-881F
Controller	PID					
Display	LCD					
Shaking Mode	Rotatory shaking			Reciprocating shaking		
Drive Mode	Unishaft drive	Multidimensional drive		Track drive		
Rotating Speed	20-300rpm/min		20~150rpm/min	20~260rpm/min	20~150rpm/min	20~260rpm/min
Rotating Accuracy	±1rpm					
Vibration Range	Φ26mm			0-50mm		
Timing Range	0-9999h/min					
Shaking Plate Size	460*380mm	800*600mm	950*730mm	460*380mm	950*730mm	800*600mm
Standard Capacity	250ml*16	1000ml*18	1000ml*30	250ml*16	1000ml*30	1000ml*18
Max. Capacity (Flask clamp)	100ml*22 or	250ml*48 or	250ml*80 or	100ml*22 or	250ml*80 or	250ml*48 or
	250ml*16 or	500ml*33 or	500ml*53 or	250ml*16 or	500ml*53 or	500ml*33 or
	500ml*8	1000ml*20	1L*30 or 2L*20 or 3L*12	500ml*8	1L*30 or 2L*20 or 3L*12	1000ml*20
Max. Capacity (Sticky board)	100ml*20 or	250ml*48 or	250ml*71 or	100ml*20 or	250ml*71 or	250ml*48 or
	250ml*20 or	500ml*32 or	500ml*53 or	250ml*20 or	500ml*53 or	500ml*32 or
	500ml*9	1000ml*20	1L*30 or 2L*20 or 3L*12	500ml*9	1L*30 or 2L*20 or 3L*12	1000ml*20
Consumption	80W	200W	300W	80W	300W	200W
Power Supply	220V±10%, 50/60Hz (Standard); 110V±10%, 60Hz (Optional)					
External Size (W*D*H)mm	460*410*250	900*650*600	1040*760*595	460*410*250	1040*760*595	900*650*600
Package Size (W*D*H)mm	600*480*335	1050*800*795		600*480*335	1050*800*795	
Gross Weight	40kg	290kg		40kg	290kg	

Table Top Large Capacity Shaker



Applications:

It is widely used in bacterial culture, fermentation, hybridization, biochemical reaction, enzyme and cell tissue research in the pharmaceutical industry. It has extensive and major applications in research and application fields such as medicine, biology, molecular science, pharmacy, food, and environment.

Features:

- * Ultra-low speed start function, the start speed is adjustable.
- * Restore function after power on.
- * Equipped with high-quality servo motor, the control speed is accurate, the high and low speed performance is good, and the stability is strong.
- * The speed-up control circuit is adopted to start slowly and accelerate steadily to ensure the safety of experimental samples.

Technical Parameters:

Model	SK-852	SK-872	SK-862F	SK-882F
Controller	PID			
Display	LCD			
Circulation Mode	Natural convection			
Shaking Mode	Rotatory shaking		Reciprocating shaking	
Drive Mode	Multi-dimensional drive		Track drive	
Rotating Speed	20-300rpm	20-150rpm		20-260rpm
Rotating Accuracy	±1rpm			
Vibration Range	Φ26mm		0-50mm	
Timing Range	0-9999h/min			
Shaking Plate Size	800*600mm	950*730mm		800*600mm
Shaking Plate Quantity	2pcs			
Standard Capacity	250ml*46 &	250ml*71 &	250ml*71 &	250ml*46 &
(Flask Clamps Qty)	1000ml*18	1000ml*30	1000ml*30	1000ml*18
Optional Flask Clamps	250ml*96 or 500ml*66 or 1000ml*40	250ml*160 or 500ml*106 or 1000ml*60 or 2000ml*40 or 3000ml*24		250ml*96 or 500ml*66 or 1000ml*40
Optional Sticky Board	250ml*96 or 500ml*64 or 1000ml*40	250ml*142 or 500ml*106 or 1000ml*60 or 2000ml*40 or 3000ml*24		250ml*96 or 500ml*64 or 1000ml*40
External Material	Cold-rolled steel with anti-bacterial powder coating			
Consumption	200W	300W		200W
Power Supply	220V±10%, 50/60Hz (Standard); 110V±10%, 60Hz (Optional)			
External Size(W*D*H)	900*650*900mm	1040*760*1050mm		900*650*900mm
Packing Size(W*D*H)	1110*800*1155mm			
Gross Weight	350kg			