

Separatory Funnel Shaker



Features:

- * Vertical shaker equipment can automatically shake separating funnel, complete liquid-liquid extraction, sample mixing, etc.
- * Large amplitude, high speed, working time can be set.
- * Adjustable frequency, batch samples processing, high efficiency, high recovery rate, minimizing operator exposure to chemical agents to protect personal safety.
- * Easy to install & operate, meet the needs of all types of laboratory extraction purification.
- * Shaking by both vertical & slant methods. Powerful strength for the mix of extraction liquid & water.
- * Low noise & long-time stable working.
- * Rotated sample holder, easy to install & detach specimen.
- * Varies sample holders alternative to adapt varies experiments.

Technical Parameters:

Model	BK-VS06	BK-VS08	BK-VS10
Sample Capacity	6pcs	8pcs	10pcs
Shaking Method	Vertical Shake (tilt angle 0-20° adjustable)		
Shaking Amplitude	≥40mm		
Shaking Frequency	100-300 times/min adjustable		
Frequency Control	Infinitely variable speeds		
Operation Mode	Continuous operation, interval operation, curve operation		
Timing Range	Max 15 minutes(count down applied)		
Applied Vessel	50ml-2000ml separating funnel, 100ml and 250ml conical flask, 100ml measuring cylinder with stopper, 100ml colorimetric tube with stopper, 100ml volumetric flask with stopper, etc., no need to change the fixture		
Extraction Efficiency	95~110%		
Rated Load	Bilateral symmetry 11kg		
Power Supply	AC220±10%, 50/60Hz(Standard); 110V,60Hz(Optional, External transformer)		
Packing Size	810*710*1080mm		
Net Weight	120kg	122kg	124kg
Gross Weight	148kg	152kg	154kg

Introduction:

The separating funnel shaker, also known as the vertical oscillator and extraction oscillator, is designed to improve the efficiency of extraction and purification. This product has many functions, such as adjustable oscillation frequency and angle, wide timing range, frequency digital display, and various sample racks, greatly improving the efficiency of extraction and purification, and reducing work intensity. The operation and installation of this product are very simple, and can meet various needs of laboratory extraction and purification.



Features:

- * It has two oscillation modes, namely inclined oscillation and vertical oscillation. Greater mixing power is provided.
- * It adopts a DC brushless motor to ensure long-term stable oscillation frequency.
- * Microprocessor control is adopted to achieve intelligent speed regulation. The digital display function of the LCD instrument is supported.
- * The speed can be accurately controlled with an error of approximately ± 1rpm. It has automatic recovery of incoming calls and timed endpoint alarm functions.
- * Universal sample holder compatible with various sizes for all experimental applications.
- * The product has stable performance, compact structure, low noise, and long-term stable oscillation frequency.
- * This product has a wide range of use, high power, and a maximum load of 20kg.
- * The start buffer and stop buffer functions are available to achieve slow start and stop, and to reduce impact on the separation funnel.
- * The separating funnel bottle is prepared by the customer. When leaving the factory, this product is not equipped with a separating funnel bottle.

Technical Parameters:

Model	BK-SFS-2LX6	BK-SFS-2LX8
Display Mode	Liquid-crystal display	
Maximum Sample Size	6-bit*2000ml	8-bit*2000ml
Oscillation Amplitude	0~40mm	
Hunting Speed	0~350r/min	
Speed Accuracy	±1rpm	
Timing Range	0~9999 minutes or continuous continuously	
Sample Specifications	125~2000ml pear-shaped split liquid funnel bottle	
Oscillation Tilt Angle	From 0 to 20° for free regulation	
Load	20kg	
Operating Ambient Temperature	5~40℃	
Operating Ambient Humidity	40~80%	
Consumption	300W	350W
Power Supply	Standard:AC220V, 50/60Hz; Optional:AC110V, 60Hz	
Package Size(W*D*H)	780*680*760mm	850*820*760mm
Net Weight	122kg	155kg
Gross Weightt	137kg	170kg