

## Separatory Funnel Shaker

### 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  $\pm 1$ rpm. It has automatic recovery of incoming calls and timed endpoint alarm functions.
- \* Multiple sample racks can be selected, making installation or disassembly very convenient and meeting various experimental requirements.
- \* 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	$\pm 1$ rpm	
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°C	
Operating Ambient Humidity	40~80%	
Consumption	300W	350W
Power Supply	Standard: 220V, 50/60Hz Optional: 100V, 50/60Hz	
Package Size(W*D*H)	640*830*770mm	820*830*770mm
Gross Weight	100kg	120kg