

Horizontal Planetary Ball Mill



Features:

- * Horizontal structure of grinding pots.
- * Special gear with low noise.

Technical Parameters:

Model	BKBM-H2A	BKBM-H2B
Capacity	2L	
Volume of Each Capacity	50~500ml	
Pot Quantity	4 pcs	
Running Time Range	1~9999min	
Reciprocal Running Time	1~999min	
Adjustable Speed Revolution	Revolution	35~335rpm
	Rotation	70~670rpm
Noise	60±5dB	
Transmission Mode	Gear Drive	
Working Mode	2 or 4 pots can be used each time	
Maximum Sample Volume (material+grinding ball)	2/3 of the volume of the ball mill tank	
Feed Size	Soft and Crispy material<10mm, Other materials<3mm	
Out-put Granularity	Minimum Granularity can be reached to 100nm	
Adjusting Mode of Rotate Speed	Frequency converter with stepless speed regulation	
Speed Control Mode	Frequency Control	
Consumption	0.75KW	1.5KW
Power Supply	AC 220V, 50/60Hz(Standard); 110V, 50/60Hz(Optional)	
External Size(W*D*H)	700*510*570mm	1220*620*810mm
Package Size(W*D*H)	800*660*670mm	1400*800*1000mm
Net Weight	86kg	256kg
Gross Weight	170kg	400kg
Note: Both pot and ball are optional. For a ball mill with a capacity of 2L, if the matching mill pot specification is 25ml or 50ml, you need to purchase a base holder separately.		

Grinding Machine
Grinding Machine



Application:

It is widely used in biochemistry, microbiology, pharmaceutical chemistry, surface chemistry, physical chemistry, zoology and other fields.

The types of samples processed include plant tissues (such as rice, corn, wheat, beans, peanuts), animal tissues (such as small intestine, heart, lung, fur, etc.), cells, bacteria, yeast, and various medicinal tissues, etc.

Features:

- * The all-metal body improves the stability and safety of the whole machine.
- * The safety lock of the working chamber ensures the safety of samples and laboratory.
- * There is no cross-contamination, and the sample tube is fully enclosed during the crushing process.
- * Good repeatability. The same procedure can be set for the same tissue sample to obtain the same grinding effect.
- * A large number of simultaneous operations can be performed, and the effect is good.

Technical Parameters:

Model	BK-24S	BK-48S	BK-96S	BK-96LS	BK-96LDS
Standard Capacity	24*2ml PE adaptor, 1pc	48*2ml PE adaptor, 1pc	96*2ml PE adaptor, 1pc		
Refrigerating Function	No			Yes, 0 to -50℃	Yes, 20 to -50℃
Display Mode	Touch screen display				5 inches OLED touch screen display
Discharging Granularity	~5μm				
Acceptable Number of Grinding Tubes	>2pcs				
Frequency	0~70Hz				
Time Setting	0s~99min				
Grinding Ball Material and Size	Alloy steel, chromium steel, zirconia, tungsten carbide, quartz sand; 0.1~30mm				
Noise Level	<55dB				
Grinding Method	Wet grinding, dry grinding and low temperature grinding are all available				
Power Supply	AC220V, 50/60Hz(Standard);AC110V, 60Hz(Optional)				
Optional Parts	1. Adaptor: Common type: 0.2ml*96;2.0ml*24; 5.0ml*12; 15ml*8; 25ml*4; 50ml*2; 5.0ml*24; 2.0ml*48 etc. Refrigerating type (can get -196℃): 2.0ml*24; 5.0ml*12; 15ml*8; 25ml*2; 50ml*2; etc. 2. 2~100ml refrigerating grinding tube. They can also be customized.				
Packing Size(W*D*H)	480*350*510mm	530*400*560mm	570*490*680mm	850*590*560mm	550*550*950mm
Gross Weight	25kg	39kg	52kg	74kg	95kg