Horizontal Planetary Ball Mill



BKBM-H2A



BKBM-H2B

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	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 0.1μm	
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.			

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Grinding Machine

Grinding Machine



BK-24S/48S



BK-96S



BK-96LS



BK-96LDS

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	5 inches OLED touch screen display		7 inches OLED touch screen display	5 inches OLED touch screen display	7 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, built-in transformer or external transformer)				
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.				
External Size(W*D*H)	260*380*500mm	260*380*500mm	340*380*600mm	700*400*500mm	450*450*800mm
Packing Size(W*D*H)	480*350*510mm	480*350*510mm	520*440*630mm	800*540*510mm	500*500*900mm
Net Weight	25kg	28kg	35kg	50kg	55kg
Gross Weight	40kg	42kg	58kg	85kg	91kg

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