

Ball Mill

Vertical Planetary Ball Mill(Semi-circle Type)

Application:

Planetary Ball Mill has four ball grinding tanks installed on one turntable. When the turntable rotates, the tank axis makes planetary movements, the balls and samples inside the tanks are impacted strongly in high speed movement, and samples are eventually ground into powder. Various kinds of different materials can be ground by the mill with dry or wet method. Minimum granularity of ground powder can be as small as 0.1μm.

Features:

- * 3D curve shape design.
- * Special gear with low noise.



Visual Window



Planetary Mechanism



Frequency Converter Control



Hole of Cooling Fan

Technical Parameters:

Model	BKBM-V0.4	BKBM-V2
Capacity	0.4L	2L
Volume of Each Capacity	50~100ml	50~500ml
Pot Quantity	4 pcs	
Running Time Range	1~9999min	
Reciprocal Running Time	1~999min	
Adjustable Speed	Revolution 45~435rpm	35~335rpm
Speed	Rotation 90~870rpm	70~670rpm
Noise	58±5dB	60±5dB
Speed Control Mode	Frequency Control	
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 0.1um	
Adjusting Mode of Rotate Speed	Frequency converter with stepless speed regulation	
Consumption	0.25KW	0.75KW
Power Supply	AC110/220V±10%, 50/60Hz	
External Size(W*D*H)mm	530*300*340	750*470*565
Package Size(W*D*H)mm	595*360*485	820*530*720
Net Weight(kg)	29	80
Gross Weight(kg)	50	100
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.		

Vertical Planetary Ball Mill(Square Type)



Features:

- * 3D curve shape design.
- * Special gear with low noise.



Planetary Mechanism



Frequency Converter Control



Hole of Cooling Fan



Pneumatic Rod

Technical Parameters:

Model		BKBM-V2S
Capacity		2L
Volume of Each Capacity		50~500ml
Pot Quantity		4pcs
Running Time Range		1~9999min
Reciprocal Running Time		1~999min
Adjustable Speed	Revolution	35~335rpm
Revolution	Rotation	70~670rpm
Noise		60±5dB
Speed Control Mode		Frequency Control
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 0.1um
Adjusting Mode of Rotate Speed		Frequency converter with stepless speed regulation
Consumption		0.75KW
Power Supply		AC110/220V±10%, 50/60Hz
External Size(W*D*H)mm		770*470*570
Package Size(W*D*H)mm		820*540*680
Net Weight(kg)		93
Gross Weight(kg)		113
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.		