

Light Horizontal Planetary Ball Mill



Features:

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



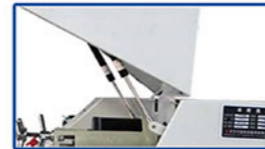
Planetary Mechanism



Frequency Converter Control



Hole of Cooling Fan



Pneumatic Rod

Technical Parameters:

Model	BKBM-H2L	
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	
Power Supply	AC110/220V±10%, 50/60Hz	
External Size(W*D*H)mm	700*570*520	
Package Size(W*D*H)mm	800*610*670	
Net Weight(kg)	86	
Gross Weight(kg)	150	
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.		

Optional:

Selection of pot's material: Pot's material has no pollution to the grinding materials and no effect to the appearance of powder.

Technical Parameters:

Category & Request of Grinding Material	Reference for Mill Pots' Material Option
Soil and other Materials which impurities are not allowed to be brought.	Agate Pot
Metal and non-metal materials which impurities are not allowed to be brought.	Zirconia Pot
High hardness materials like diamond, hard alloy.	Hard Alloy Pot
Strong acid and strong alkali substances, and materials under high temperature.	PTFE Mill Pot
Iron and steel minerals, impurities are not highly sensitive materials.	304 Stainless Steel Mill Pot
Pigment material, and materials which can be processed at high temperature.	Nylon Mill Pot
Containing aluminum material like ceramic glaze.	Corundum Pot
Electronic material like lithium battery.	Polyurethane Mill Pot
Easily oxidized materials which need to be protected by special gas.	Vacuum Mill Pot



Nylon Mill Pot



PTFE Mill Pot



Zirconia Pot



Hard Alloy Pot



Polyurethane Mill Pot



Stainless Steel Mill Pot