

# High Energy Planetary Ball Mill Milling Machine For Laboratory

Item Number: KT-P2000



## Introduction

Experience fast and effective sample processing with the F-P2000 high-energy planetary ball mill. This versatile equipment offers precise control and excellent grinding capabilities. Perfect for laboratories, it features multiple grinding bowls for simultaneous testing and high output. Achieve optimal results with its ergonomic design, compact structure, and advanced features. Ideal for a wide range of materials, it ensures consistent particle size reduction and low maintenance.

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Product name	High energy planetary ball mill
Model	F-P2000
Processing principle	impact force friction
Application sample characteristics	fine   medium to low hardness   brittle   dry or low viscosity
Processing type	crush grind mix
Maximum injection size	10mm
Sample particle size range	0.1-20um
Maximum processing volume	2000ml
Maximum speed of ball mill tank	800r/min
Transmission mode	European standard
Space movement mode	X-axis planetary motion
Function	Continuous and intermittent operation   Emergency stop   Timing   Power outage memory   Overload and hazardous operation protection
Additional features	LED Lighting Heat Dissipation
Ball mill tank material	Tungsten carbide zirconia   agate   stainless steel   MC nylon and other optional
Number of ball mill tanks	4□
Ball mill tank volume	500ml
Grinding ball material	Tungsten carbide   zirconia   agate   stainless steel, etc. optional
Grinding method	Dry grinding Wet grinding
Electrical Description	100-120V/200-240VAC,50-60Hz,750W
Power port	National Standard   European Standard   American Standard   British Standard, etc.

Net weight	92kg
Dimensions (length, width and height)	570*570*420mm
Protection level	IP650
Standard	CE
Additional configurations available	Ultra-low temperature liquid nitrogen cooling touch operating system

Main accessories	Recommended standard configuration volume: 500ml	√: means it can be configured	x: indicates that it cannot be matched			
	Material:	Type	100ml	250ml	500ml	
Ball mill tank	Tungsten carbide	Classic	√	√	√	
		Vacuum type	√	√	x	
	Zirconia	Classic	√	√	√	
		Vacuum type	√	√	x	
	Agate	Classic	√	√	√	
		Vacuum type	√	√	x	
	MC nylon	Classic	√	√	√	
		Vacuum type	√	√		
	Stainless steel	Classic	√	√	√	
		Vacuum type	√	√	√	
	Polyurethane	Classic	√	√	√	
		Vacuum type	√	√	x	
	PTFE	Classic	√	√	√	
		Vacuum type	√	√	x	
	Corundum	Classic	√	√	√	
		Vacuum type	√	√	x	
	Grinding ball	Diameter(mm)	Material			
		3/5/10/15/20	Tungsten carbide   Zirconia   Agate   Stainless steel   Corundum			