

# Planetary Ball Mill (Table Top)

## Flexible Milling Modes

Supports both dry and wet milling for diverse applications.

Operates with 2 or 4 jars simultaneously for efficiency.

## Wide Material Compatibility

Handles a range of materials: soft, hard, brittle, fibrous, cellulose, glass, soil, ore, chemicals, and more.

## Precise Controls and Long Operation

Adjustable rotational speed (70–670 rpm).

Maximum continuous operation time: 72 hours.

## Versatile Grinding Options

Offers a selection of jars and variable ball diameters for customizable grinding setups.

Planetary motion ensures uniform particle size distribution for optimal blending.

## Advanced Control System

Microprocessor-controlled digital RPM for precise speed adjustments.

Programmable timer for setting specific grinding duration.

## Safety and User-Friendly Operation

Equipped with input and output fuses to enhance operational safety.

Low-noise functionality for a quieter, more comfortable workspace.



Category	Details
Maximum Jar Volume	500 ml per jar
Milling Modes	Dry and Wet
Work Modes	2 or 4 jars working together
Rotational Speed	70 – 670 rpm, Adjustable
Revolution-to-Rotation Ratio	1:2
Input Granularity	<10 mm (soft materials), <3 mm (hard materials)
Output Granularity	Minimum 0.1 µm
Material Capacity	Material + balls <2/3 jar volume
Machine Weight	80 kg (without jars)
Machine Size (L×W×H)	750 × 470 × 590 mm
Voltage	220V, 50Hz / 110V, 60Hz
Grinding Jars	Stainless Steel, Zirconia, Alumina, Tungsten Carbide
Grinding Mediums	Stainless Steel Balls, Zirconia Balls, Alumina Balls, PU Balls, Tungsten Balls
Continuous Operation	Up to 72 hours