



Technical resources

vacuum planetary mill jar

<https://www.tencanballmills.com/en/products/grinding-series/planetary-ball-mill-jar/vacuum-planetary-mill-jar.html>

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vacuum planetary mill jar

Model:

Vacuum planetary mill jar prevents oxidation during grinding. Sealed design allows inert gas filling, ideal for oxygen-sensitive materials in planetary ball mills.

Technical specifications

Model specification	50ml-25L
Outer diameter (mm)	φ78-φ345
Height (mm)	55-350

These specifications describe the series. Confirm the selected model, power supply and configuration before ordering.

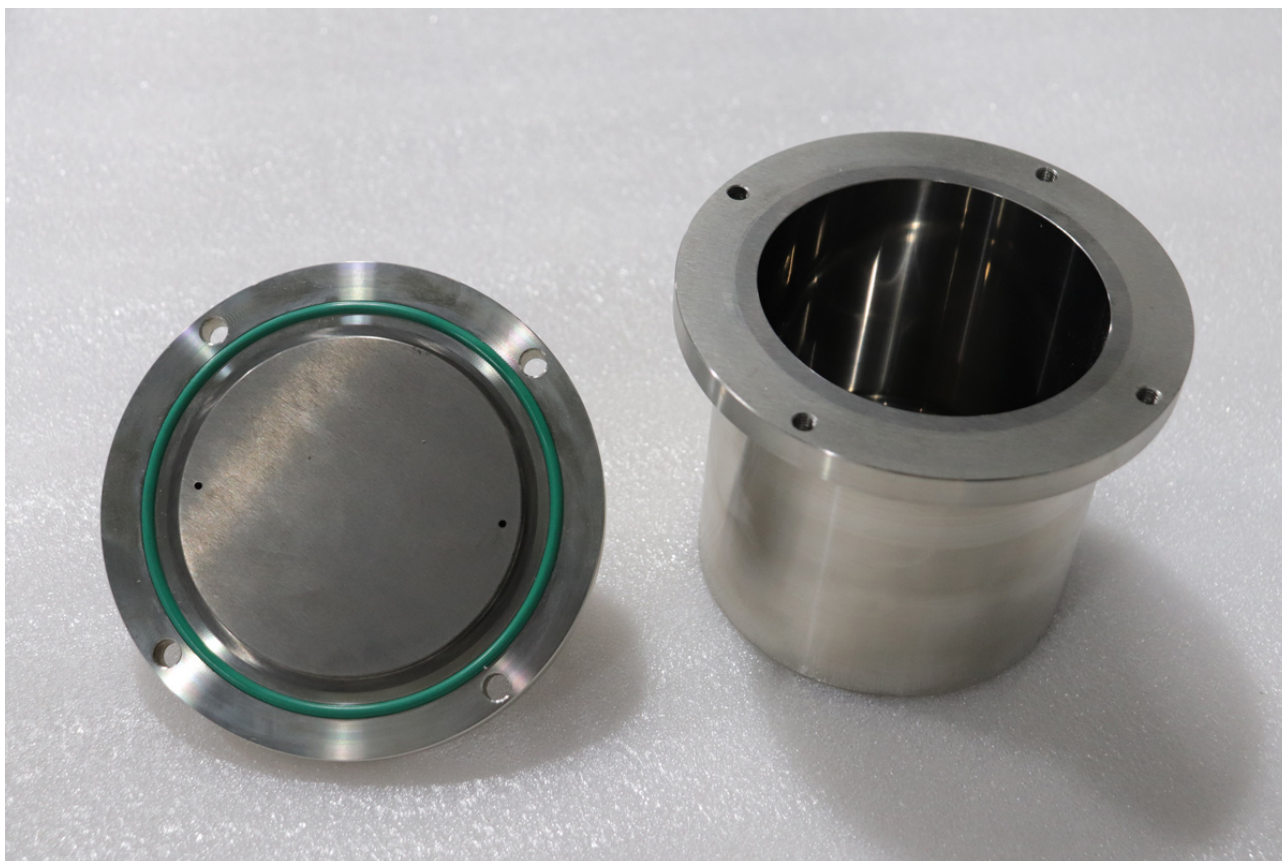


The planetary vacuum ball mill tank is mainly developed to address the problem that materials will be oxidized by oxygen in the air during the grinding process of the planetary ball mill. Through the special sealing design of the grinding tank, it can be evacuated and then filled with inert gas to isolate the material from oxygen, water or other substances in the air that may affect the grinding, thereby avoiding oxidation and reducing contact between the material and other substances that affect the grinding effect.

Various sizes can be customized according to customer needs.







Technical parameters

Model specifications	Inner diameter (mm)	Outer diameter (mm)	Flange edge (mm)	Inner depth (mm)	Excluding cover height (mm)	Height including cover (mm)	Reference weight (kg)
50ML	39	49	78	45	50	58	0.7
100ML	48	62	88	57	65	72	1.3
250ML	73	88	108	65	73	80	2.1
500ML	90	107	132	93	100	107	3.5
1L	106	121	131	117	123	130	4.2
1.5L	115	131	151	143	150	158	5.8
2L	141	153	177	133	140	149	6.3
3L	141	157	178	198	205	213	9.2
4L	168	178	220	200	205	213	9.2
5L	182	192	234	200	205	213	10.2

1. Special valve design, easy operation and strong sealing;
2. Made of stainless steel, it can also be lined with nylon, polyurethane, corundum and other

materials, with strong versatility ;

3. Tianchuang professionally develops, sells directly from the manufacturer, and is cost-effective.

Contact

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Before operation, review the selected model's instructions and the material requirements.