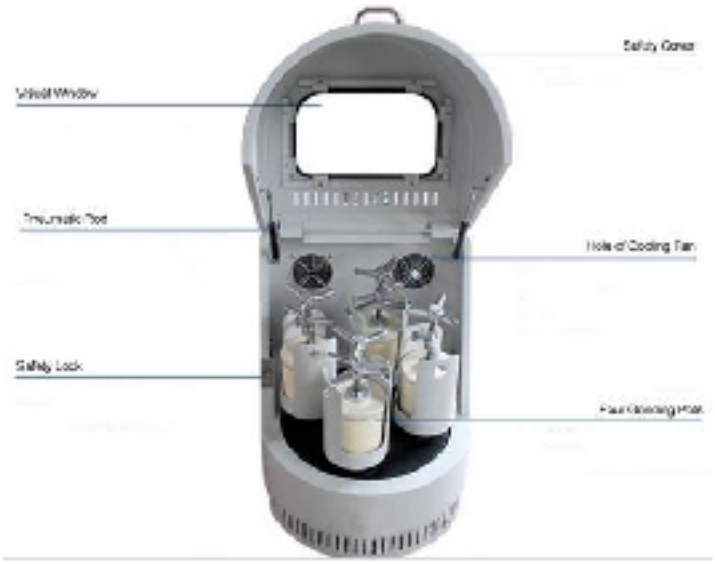
Mini Planetary Ball Mill-XQM-0.4A



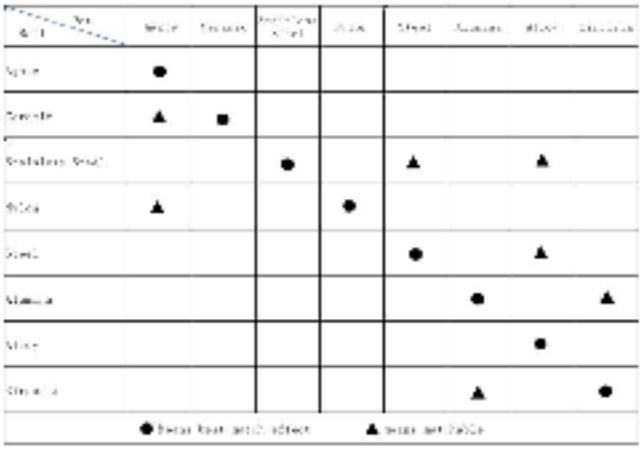
Feature:

- Stable revolving speed of the gear transmission ensures the consistency and repeat-ability of the experiment.
- Planetary movement principle is adopted in the machine, which has high speed, large energy, high efficiency, small Granularity.
- Four powders samples from different sizes and different materials can be produced at one time.
- The machine is controlled by frequency converter, you may choose ideal rotating speed according to expected experimental result. The converter is equipped with device of under voltage and over-current to protect the motor.
- The planetary ball mill has functions of timing power off, self-timing forward and reversal rotating. You may choose freely any operation modes of one-way direction, alternation, succession, time setting according to experimental needs, so as to improve efficiency of grinding.
- Technical features of Tencan Ball Mill: Low center of gravity, stable performance, compact structure, easy operation, reliable safety, lower noise, small loss.
- Safety switch is installed on the machine to prevent safety accident if the safety cover is opened while machine is running.

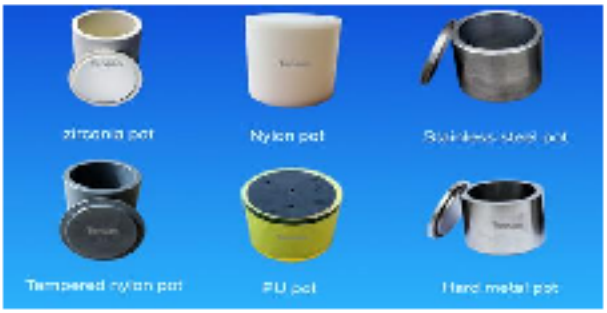
Technical parameter:

Technical Features of Mini Vertical Planetary Ball Mill	
Drive Mode	Gear drive and belt drive
Operation Mode	Two jars forward/reverse, jars working together
Maximum Loading Capacity	2/3 of the capacity of milling jar
Feeding Size	Soft materials ≤ 10 mm, other materials ≤ 3mm
Output Granularity	Small at granule reaches 0.1 μm
Rotation Speed Rate	1:2
Max Continuous Operating Time	99 hours
Optional Modes of Speed Control	Frequency converter and electronic timing control
Materials of Jar	Stainless steel, nylon, corundum, zirconia, etc

Mill Pots and Mill Balls:



Mill Pots（Optional）:



Mill Pots（Optional）: