

0.2L Battery Material Planetary Ball Mill



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- Brand:TOB NEW ENERGY
- Item No.:TOB-XQM-0.2
- Order(Moq):1
- Payment:L/C,T/T,Western Union
- Product Origin:China
- Shipping Port:XIAMEN
- Lead Time:7

Product Detail

0.2L battery macterial planetary ball mill

SPECIFICATIONS

Overview:

1 Planetary ball mill is necessary equipment for mixing, fine grinding, sample preparing, nano-materials dispersing, new product developing and preparing small volume high-tech material production.

2 the Planetary ball mill is small, full-featured, high efficiency and low noise which is the ideal equipment for scientific research units, institutions of higher learning, corporate laboratories to obtain micro particle research samples. (Four samples for each experiment).

3 It can be equipped with vacuum ball mill; the sample can be ground under vacuum. It is widely used in geology, mining, metallurgy, electronics, building materials, ceramics, chemicals, light industry, medicine, beauty, environmental protection and other departments.

4 It can set the speed, forward and reverse rotation time, and the total grinding time according to process requirement.

5 the small volume can be worked in glove box.

Working principle:

TOB-XQM series of variable frequency planetary ball mill has four ball grinding tanks installed on one turntable. When the turntable rotates, the tank axis makes planetary movements, the balls and samples inside the tanks are impacted strongly in high speed movement, and samples are eventually ground into powder. Various kinds of different materials can be grinding and mixing by the mill with dry or wet method. The size of ground powder can be reduced to as small as 0.1 micrometer.

Technical Parameters:

Model	TOB-XQM-0.2
Grinding tank volume (L)	50ml*4
Grinding tank material	According to requirements
Grinding media	According to requirements
Maximum loading per tank	Material and grinding medium does not exceed two-thirds of the volume
Feeding material size	Soil material ≤ 10 mm, other materials ≤ 3 mm
Discharge material size	Min0.1um

Rotating speed	Revolution 60-580r / min,Rotation 120-1160 r / min
Speed ratio (revolution: rotation)	1:2
Speed mode	Frequency, programmable stepless speed regulation, manual, automatic timing forward and reverse
Transfer method	Gear drive
Working Voltage	220V
Motor power and variable frequency power	0.25Kw
Way of working	Two or four cans work at the same time
Maximum continuous operating time	72hours
Programmable control (electronic monitoring)	Ball mill using high-tech microcomputer chip control, can be set to forward and reverse alternately run (0-999min) and forward, pause, reverse, pause, forward (0-999min) alternate operation according to the procedure. Particularly suitable for cooling or intermittent operation.

PRODUCT DISPLAY







cemented carbide tank and balls



zirconia tank and balls



Nylon tank and zirconia balls



Nylon tank and agate balls



Ptfe tank and zirconia balls



Ptfe tank and agate balls



Polyurethane (pu) tank and zirconia balls



Polyurethane (pu) tank and agate balls



agate tank and balls



Corundum tank and alumina ball



Corundum tank and zirconia balls



Stainless steel tank and balls

PACKING

