



Compact Battery Research Equipment Lab Planetary Ball Milling Machine

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: MRBEST
- Certification: CE
- Model Number: MR-XQM
- Minimum Order Quantity: 1 Set
- Price: Negotiable
- Packaging Details: Standard Export Wooden Packing
- Delivery Time: 7-20 working days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 500 sets per month



Product Specification

- Name: Planetary Ball Milling Machine
- Grinding Tank Volume: 0.1L*4 (Other Volume Are Available)
- Grinding Tank Material: Stainless Steel (Optional Hard Steel, Zirconia, Agate, Corundum, Tungsten Carbide, Nylon, Polyurethane, PTFE, Etc.)
- Grinding Media: Stainless Steel (Optional Agate, Zirconia, Corundum, Etc.)
- Feeding Material Size: Soil Material ≤ 10 Mm, Other Materials ≤ 3 Mm
- Discharge Material size: Min 0.1um
- Highlight: **Compact Battery Research Equipment,
Lab Battery Research Equipment,
Lab Planetary Ball Milling Machine**

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Product Description

Lab Planetary Ball Milling Machine for Lithium ion Battery Material grinding.



Special drive gear

special gear with low noise, lower about 15-20db compared with common gear. stable rotation speed.



Fashion design

3D curve shape design, elegance and fashion

Exquisite workmanship
delicate and precise



Model: MR-XQM-0.4

Product Instruction

MR-XQM-0.4 planetary ball mill is widely used in many fields of geology, mine, metallurgy, electric industry, construction, ceramics, chemicals, light industry, medicine, etc. Different material of milling jar is optional according to the milled material. It is small size, low noise and high efficiency for laboratory.

Features

- Stable revolving speed of the gear transmission ensures the consistency and repeatability of the experiment.
- Adopts planetary movement principle, which has high speed, large energy, high efficiency, small granularity.
- 4 milling containers included, 4 different material can be milled at same time.
- Rotating speed is adjustable by frequency converter.
- With functions of timing power off, self-timing forward and reversal rotating. One-way direction, alternation, continuous, time mode can be set.
- Different material of milling jar & balls optional.
- Compact size, low noise.

Technical Details

Product Name	MRBEST Lab Planetary Ball Milling Machine MR-XQM-0.4
Working voltage	AC220V
Volume of container	100ml/container, total 0.4L
Container qty	4
Transmission mode	Gear drive
Working mode	2 or 4 containers can be used each time
Max loading	2/3 of milling container
Feeding material	Soft and crispy material ≤10mm, other material ≤3mm

Output granularity	Min reach to 0.1μm
Power	0.25KW
Total running time setting	1~9999 min
Alternating Run Time of Forward & Reversal Rotation	1~999 min
Max continuous working time	72 hrs
Speed	Revolution: 45~435rpm, Rotation: 90~870rpm
Noise	58±5db
Dimension	L500 * W300 * H340mm
Weight	30kg

We can provide different capacity of planetary ball mill according to your requirement.

Model	Power supply	Motor power Converter power	Operating time setting (min)	Positive and negative alternating operation time(min)	Adjustable speed Revolution (rpm)	Adjustable speed Rotation (rpm)	Noise <db
XQM-0.2	220V 50HZ	0.75KW	1-9999	1-999	30-335	70-670	60db
XQM-0.4	220V 50HZ	0.75KW	1-9999	1-999	30-335	70-670	60db
XQM-1	220V 50HZ	0.75KW	1-9999	1-999	30-335	70-670	60db
XQM-2	220V 50HZ	0.75KW	1-9999	1-999	30-335	70-670	60db
XQM-4	220V 50HZ	0.75KW	1-9999	1-999	30-335	70-670	60db
XQM-6	220V 50HZ	0.75KW	1-9999	1-999	30-335	70-670	60db
XQM-8	220V 50HZ	1.5KW	1-9999	1-999	35-290	70-580	60db
XQM-10	220V 50HZ	1.5KW	1-9999	1-999	35-290	70-580	60db
XQM-12	220V 50HZ	1.5KW	1-9999	1-999	35-290	70-580	65db
XQM-20	380V 50HZ	4KW	1-9999	1-999	25-215	50-430	65-db
XQM-40	380V 50HZ	5.5KW	1-9999	1-999	20-195	40-390	68db
XQM-60	380V 50HZ	7.5KW	1-9999	1-999	27-174	40-260	68db
XQM-100	380V 50HZ	11KW	1-9999	1-999	27-160	40-240	68db

Model	Capacity	Specification of milling tank	Qty
XQM-0.2	0.2L	50ml	4 set
XQM-0.4	0.4L	50ml-100ml	4 set
XQM-1	1L	50ml-250ml	4 set
XQM-2	2L	50ml-500ml	4 set
XQM-4	4L	250ml-1L	4 set
XQM-6	6L	1L-1.5L	4 set
XQM-8	8L	1L-2L	4 set
XQM-10	10L	1L-2.5L	4 set
XQM-12	12L	1L-3L	4 set
XQM-20	20L	2L-5L	4 set
XQM-40	40L	5L-10L	4 set
XQM-60	60L	10L-15L	4 set
XQM-100	100L	20L-25L	4 set

Our Advantages

1. Steady and high quality ! -cause we are a manufacturer of Lithium Battery Equipment, and we only focus on one thing that is make professional Lithium ion Battery Equipment for customer around the world.
2. Friendly use! all MRBEST Battery Equipment with teach manual and support live teaching via media.
3. Reliable factory! My factory located in Shenzhen city of China, support factory visit and video factory visit .
4. 1 year warranty plus lifetime technical support.
5. All the parts use on machine, in stock forever.
6. Powerful technical support, NOT TRADE COMPANY! We are professional on Lithium Battery Equipment, the chief engineer team have more than 20 years experience on lithium battery area, so we can easy do diagnose on machine if customer have question.
7. 100% PATIENCE to all customers! Our patience not only before consult order, also after-sale service, one by one .



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