



Technical resources

Horizontal light-duty ball mill

Model: WXQM

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Model: WXQM

Horizontal ball mill for fine grinding soft to medium-hard materials. Ideal for lab research, chemical, and ceramic sectors. Compact.

Technical specifications

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Number of grinding jars	4 pieces
Grinding jar specification	50ml~1500ml
Speed control	Variable frequency control

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



The light horizontal planetary ball mill is equipped with four horizontally installed ball milling tanks symmetrically on a vertical planetary disk. The ball mill tank does not have a fixed flat bottom during planetary motion. During the process of grinding materials, the grinding balls in the tank are affected by the two centrifugal forces of revolution and rotation, as well as the influence of their own gravity, which helps to strengthen the degree of disordered movement of the grinding balls and materials, and improve the grinding effect and grinding efficiency. Since the ball mill tank does

not have a fixed flat bottom when it rotates, it can better solve the problem of some materials sinking to the bottom. The lightweight horizontal planetary ball mill has a simple structure and convenient operation, and is suitable for experimental research on small batches of samples in the laboratory.



The company also launched a microcomputer touch screen PLC all-in-one machine. Customers can choose a control panel according to their own needs. □



Horizontal planetary ball mill is widely used in geology, minerals, metallurgy, electronics, building materials, ceramics, chemical industry, light industry, medicine, environmental protection and other departments. It is suitable for electronic ceramics, structural ceramics, magnetic materials, lithium cobalt oxide, lithium manganate, catalysts, phosphors, long afterglow luminescent powder, rare earth polishing powder, electronic glass powder, fuel cells, zinc oxide pressure Production field of sensitive resistors, piezoelectric ceramics, nanomaterials, disc ceramic capacitors, MLCC, thermistors (PTC, NTC), ZnO varistors, dielectric ceramics, alumina ceramics, zirconia ceramics, phosphors, zinc oxide powders, cobalt oxide powders, Ni-Zn ferrite, Mn-Zn ferrite and other products.

Technical parameters

model	Drag ratio (rpm)	Grinding tank rotation speed (mm)	Inner diameter of grinding pot seat (mm)	Motor power	Grinding jar revolution diameter (mm)	Overall dimensions (mm)	Net weight(kg)
WXQM-(2-6)	0.134	0~670	134	0.75KW	F234	700×560×530	96
WXQM-(2-6)(H)	0.134	0~670	134	1.5KW	F234	1220×620×810	266
WXQM-(8-12)	0.116	0~580	162	1.5KW	Φ275	1360×670×920	380
WXQM-16	0.096	0~480	182	3KW	F385	1640×840×1040	470
WXQM-20	0.086	0~430	200	4KW	F385	1640×840×1040	730
WXQM-40	0.086	0~430	250	5.5KW	Φ430	1780×860×1070	790
WXQM-60	0.062	0~310(1:1.5)	275	7.5KW	Φ490	1980×1050×1220	1070
WXQM-100	0.058	0~290(1:1.5)	328	11kW	F578	2110×1150×1370	1210

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The equipment shell has a novel and trendy design, lean manufacturing, exquisiteness and sophistication.; The materials of the machined parts are subject to strict heat treatment procedures and adopt CNC machining technology. The transmission gears are made of special materials and precision gears to ensure smooth, safe and quiet operation of the equipment at high speeds. ; The grinding tank pressing device is easy to operate, safe and reliable. It adopts a microcomputer touch screen, which is easy to operate. The interface is simple and intuitive. It can realize alternating control of forward and reverse rotation, and has timing and power-off memory functions.

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