

product description

AGCO (alsonic)

Cup Vibratory Grinder

Cup Vibratory Grinder

Various cup vibrating grinders



Mainly suitable for fast and lossless fine grinding to prepare samples to analytical fineness. For the grinding of medium-hard, hard, brittle and fibrous materials. Mainly used for dust-free fine grinding of samples (either dry or wet). The material is squeezed, collided, rubbed and sheared through the grinding kit, and is quickly ground to the fineness required by the user, and the sample is uniformly mixed, and there is no sample loss. Usually the entire process is completed within a few minutes.

use:

- Geology, Exploration and Minerals
- material science
- Chemical and pharmaceutical
- biology
- Metallurgy, Alloy Grinding
- soil analysis

working principle	impact friction	impact friction	impact friction	impact friction
Sample type	hard, brittle, fibrous			
Number of grinding jars	1	3, 2, 4, 6,	1	1
Grinding jar volume	100,250,500ml	100,250,500ml	1000ml~2000ml	Continuous injection, automatic recovery
Maximum injection size	12mm	12mm	12mm	12mm
control method	Manual operation control	Manual operation control	Manual operation control	Fully automatic control mode
Pressure tank method	(Electromagnetic shaft wheel pressure)	(Electromagnetic shaft wheel pressure)	air pressure	air pressure
Grinding Kit	grinding weight, grinding cup	grinding weight, grinding cup	grinding weight, grinding cup	Grinding weight, fixed grinding cup
Outlet fineness	<10~20µm	<10~20µm	<10~40µm	<10~40µm
Grinding method	dry or wet	dry or wet	dry or wet	dry or wet
Grinding with inert gas	Can	Can	Can	Can
Motor speed (rpm)	700~1500	700~1500	700~1500	700~1500
USB port, computer connection port	Have	Have	Have	Have
Motor power	1500W	1500W	2200W	2.2KW
weight	260kg	320kg	380kg	400kg

Jaw crusher EP-100X60

کراشر فکی آزمایشگاهی

Sealing jaw crusher is mainly used in the laboratory, and the medium and fine crushing of raw materials, such as coal, vermiculite, coke, limestone, sulfur ore, etc. Its crushing method is squeezing. The maximum degree of crushing material should be less than 10-60 mm of the size of the machine model. The pressure resistance of the crushing material does not exceed 100MPa. There are several types of jaw plates (standard), abrasion -resistant alloy, alloy tool steel, tungsten steel, and can crush different hardness materials.



Technical parameters:

Specification model: EP-100X60

Hubei material: high manganese steel

Entry mouth size (MM): 100x60

Feed granularity (MM): less than 50

Milk granularity (MM): less than 15 can be adjusted

Output (t/h): 0.2-0.3

Power: 1.5KW

Voltage: 380V

آسیاب کروی آزمایشگاهی

MM 400 – Grinding, Mixing,
Disrupting Small Sample Amounts

The Mixer Mill MM 400 is a true multipurpose talent in the lab. It has been developed specifically for dry, wet and cryogenic grinding of small sample amounts. The powerful ball mill grinds, mixes and homogenizes powders and suspensions with up to 30 Hz within a few seconds, providing grind sizes in the submicron range.

The mixer mill simultaneously pulverizes two samples from 0.2 to 20 ml. Thanks to the self-centering mechanism of the grinding jars and the self-locking clamping device handling of the grinding jars is extraordinarily safe and convenient. The MM 400 is perfectly suitable for the disruption of up to 20 samples of biological cells in one working run as well as for DNA/RNA and protein extraction. The MM 400 can also be used for wet grinding due to the screw-top grinding jars; these may also be embrittled in liquid nitrogen for cryogenic applications.

The mill operates so effectively that the sample is hardly warmed due to the very short grinding time. Thus most materials can be pulverized and mixed at ambient temperature, without any cooling. Thanks to the effective homogenization process, the MM 400 is also perfectly suited to mix powdered sample and binder in plastic vessels prior to pelletizing, for example for XRF analysis.

Accessories for MM 400



Mixer Mill MM 400

8 mm
5 µm*The „Allrounder“
in the Laboratory

Benefits

- Suitable for dry, wet and cryogenic grinding
- High sample throughput due to two grinding stations and short grinding times
- Digital parameter setting ensures reproducible results
- Memory for 9 Standard Operating Procedures (SOP)
- Adapter for single-use vials, simultaneous preparation of up to 20 biological samples
- Suitable for cell disruption of up to 240 ml (8 x 30 ml) cell suspension
- Suitable for mixing up to 8 samples in 50 ml centrifuge tubes

Video on www.retsch.com/mm400

WQS 振动筛

الك آزمایشگاهی



【应用范围】

广泛应用于制药、冶金、食品、化妆品、粮食等行业的粒子分析。采用先进的集成电路控制，操作极其简便。

【技术参数】

仪器型号	WQS
测量范围	≤325 目
振动频率	3000 次/分，6000 次/分
振幅选择	0mm-3mm 连续调节
振动方式	1、精微振动、 2、间断振动 3、连续振动
电源	220V±22V，50Hz±1Hz
仪器尺寸振动单元	ø300×210mm