

Professional
Powder Equipment
Manufacturer

TENCAN

Product Brochure



Powder
Equipment



Milling
Technology



Powder
Materials



PLANETARY BALL MILL SERIES

Micro Planetary Ball Mill

XQM-0.2

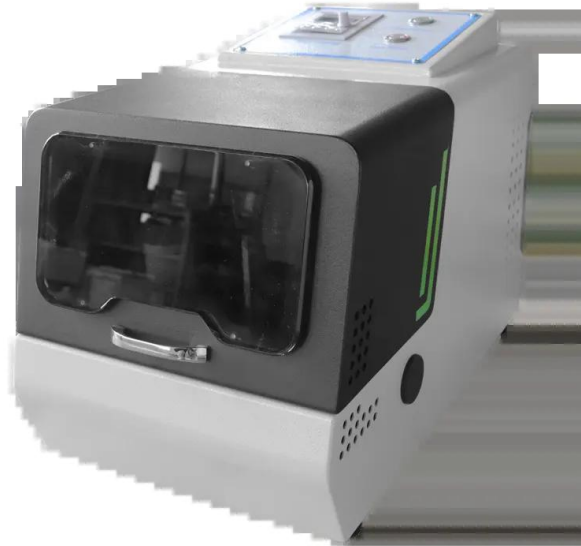
Micro planetary ball mill for mixing, fine grinding, and sample preparation. Compact, low noise, high efficiency. Ideal for R&D labs to obtain four samples simultaneously. Vacuum grinding jars available.

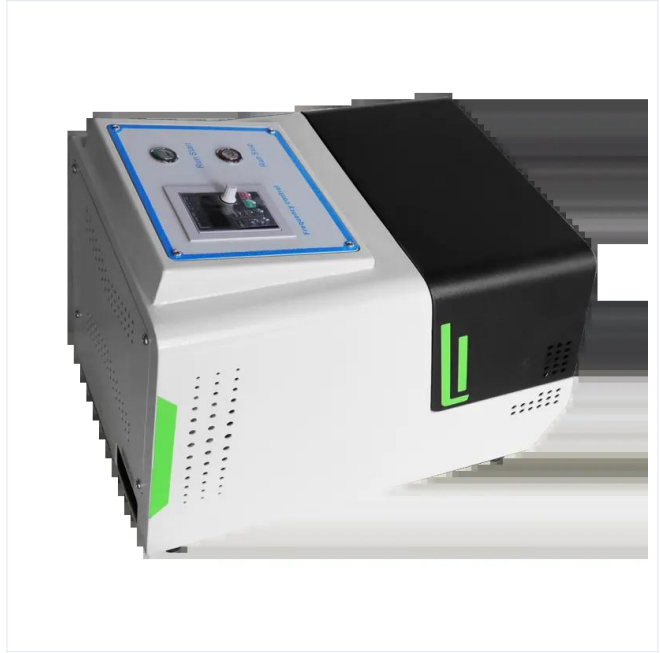
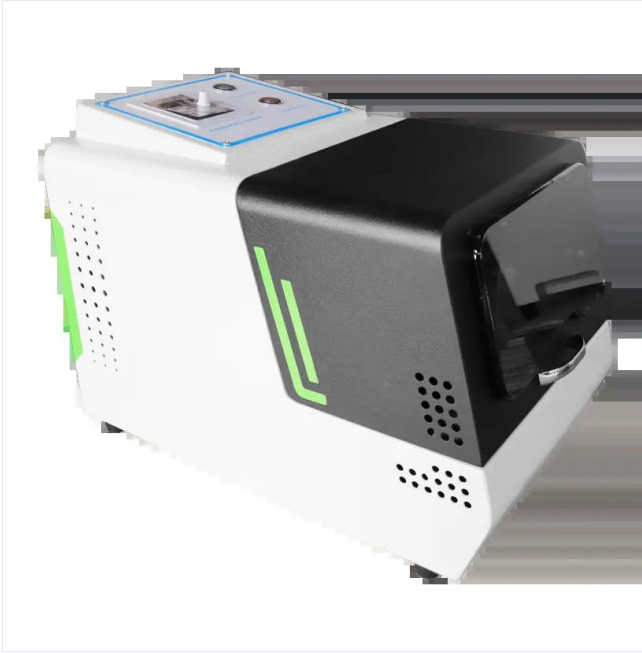
<https://www.planetaryballmills.com/products/grinding-series/planetary-ball-mill/micro-planetary-ball-mill.html>



Product Overview

Micro planetary ball mill for mixing, fine grinding, and sample preparation. Compact, low noise, high efficiency. Ideal for R&D labs to obtain four samples simultaneously. Vacuum grinding jars available.





Product Introduction

Mini planetary ball mill is a powder device for mixing, fine grinding, sample preparation, new product development and small batch production of high-tech materials. Our planetary ball mill has small size, full functions, high efficiency and low noise. It is an ideal equipment for scientific research institutions, universities and corporate laboratories to obtain research samples (four samples can be obtained simultaneously for each experiment). Equipped with a vacuum ball mill tank, the samples can be ground in a vacuum state.







Micro planetary ball mills are divided into glove box models (model XQM-0.2S) and regular models (model XQM-0.2). The glove box-specific model can be placed in the glove box for vacuuming or inert gas protection. It expands the scope of use for customers' product grinding and material research, and enables the grinding of some materials that cannot be ball milled in normal environments.

Technical parameters

Main parameters and dimensions of micro planetary ball mill

model	power (W)	revolution speed (r/min)	Rotation speed (r/min)	Inner diameter of grinding pot seat (mm)	Maximum height of grinding pot allowed (mm)	Overall dimensions (mm)	Equipment net weight (kg)
XQM-0.2	90	60-580	120-1160	50	60	420X260X310	25
XQM-0.2S	90	60-580	120-1160	50	60	Equipment: 390X220X270 Control box: 200X180X240	29

Remarks: 1. Voltage single-phase 220V/50HZ; 110V /50HZ, 60HZ available.

2.XQM-0.2S needs to be equipped with an electric control box with an overall size of 200x180x240.

3.XQM-0.2 does not have an electric control box.

Product Features

The equipment shell adopts semi-circular design elements and is stamped with high-precision molds. It is generous and refined, high-end and stable.; The machined parts adopt CNC processing technology, the planetary disk is integrally cast and formed, and the transmission gears are made of special materials and precision gears to ensure smooth and quiet operation of the equipment at high speeds. ; The grinding tank holding device is easy to operate, safe and reliable.

Accessories & Customization

Accessories

Grinding jars, heating elements, sample holders, control modules and other matching accessories can be selected according to the product configuration.

Customization

For voltage, capacity, chamber size, process temperature or application requirements, please contact TENCAN for a suitable configuration.