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PLANETARY MILLING.

Equipment and application knowledge. By TENCAN.



PRODUCT CATALOG / Planetary Mills

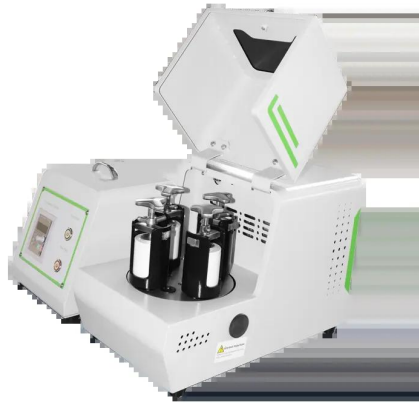
Micro Planetary Ball Mill

XQM-0.2S

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Micro Planetary Ball Mill

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A micro planetary mill configured for glovebox integration.

Overview

A micro planetary mill configured for glovebox integration. The published dimensions distinguish the milling unit from its separate control box, making installation geometry part of the selection.

How it works

Planetary motion is retained in a compact assembly. The intended glovebox environment, cable routing and equipment placement must be checked with the glovebox and mill configuration.

Key features

- Published power: 90 W.
- Published jar-holder internal diameter: 50 mm; maximum permitted jar height: 60 mm.
- Mill and control-box dimensions are specified separately; the product information gives a 29 kg reference net mass.

Specifications

Published catalog references are reproduced below. Nominal volume is not a sample-mass rating. Confirm the selected model, material grade, electrical supply and complete supplied configuration in the quotation.

Model specifications — 1

Model	Power (W)	Revolution speed (rpm)	Jar rotation speed (rpm)	Jar holder internal diameter (mm)	Maximum permitted jar height (mm)
XQM-0.2S	90	60-580	120-1160	50	60

Model specifications — 2

Model	Dimensions (mm)	Net mass (kg)
XQM-0.2S	Mill: 390X220X270 ; control box: 200X180X240	29

Electrical-supply references

Item	Published reference
Standard supply reference	Single-phase 220 V, 50 Hz
Alternative supply reference	110 V, 50 or 60 Hz; specify the required version in the quotation

Applications

Small-sample materials research where the proposed glovebox atmosphere is part of the experiment.

Suitability depends on the actual sample, process and analytical requirements; a listed application is not a guaranteed final-particle-size result.

Accessories and options

Confirm compatible micro jars, media, closure and glovebox integration. Larger vacuum jars or cooling modules cannot be assumed to fit the published holder geometry.

- Jar and media: confirm material, volume, holder fit and the complete working load.
- Vacuum or gas requirements: specify the complete jar, lid and seal arrangement; no pressure rating is assumed.

- Utilities and supply scope: state voltage, frequency, phase, destination and required documents; confirm included versus optional items.

Compare milling jars · Compare grinding media · Low temperature planetary grinding machines · Ultrasonic planetary ball mills

Selection guidance

Check transfer/access openings, working height, loaded equipment mass, cable feedthroughs and heat removal. Placement in a glovebox does not make the mill itself a vacuum-rated pressure vessel.

Work through the selection guide · Request a configuration quotation

Trials and comparisons

No identifiable trial of this exact product/configuration was found in the available planetary-milling test summaries. A result from a different mill, jar grade or assistance system is not attributed to this product.

A comparison to request

A useful integration test checks installation, temperature and sample handling under the intended atmosphere. No XQM-0.2S-specific particle-size result is identified in the available test summaries.

Discuss a sample evaluation

Plan your milling configuration.

TENCAN develops and manufactures planetary milling equipment, with application support in Changsha and a production base in Wushi, Hunan.

Share your material, batch size, target particle size and contamination limits. Our team can help confirm the mill, jars, media and electrical requirements, or arrange a sample grinding evaluation.

Reference information applies to the described models and conditions. Confirm the final specification and supplied accessories with TENCAN before ordering.

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Product page

<https://www.planetaryballmill.com/planetary-ball-mills/micro-planetary-ball-mill-glove-box-special-edition.html>

Sample grinding www.planetaryballmill.com/sample-testing/