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Product Brochure



RESEARCH EQUIPMENT

Portable tissue grinder

ZZYM

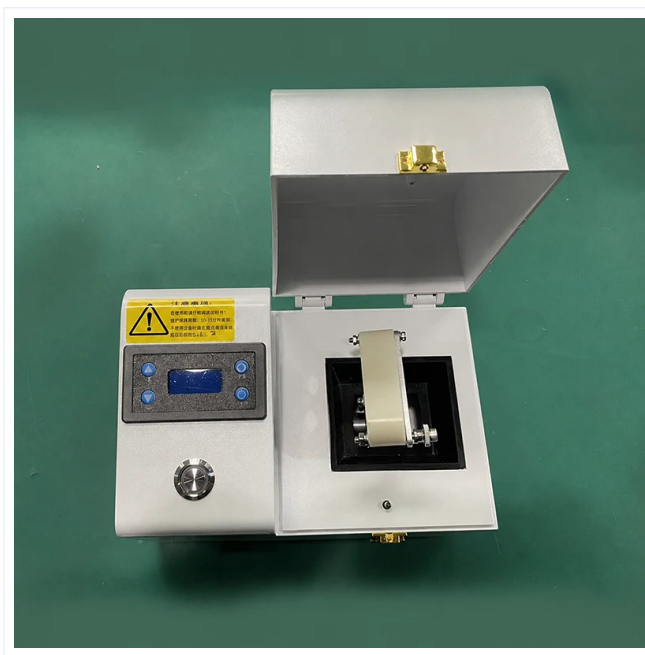
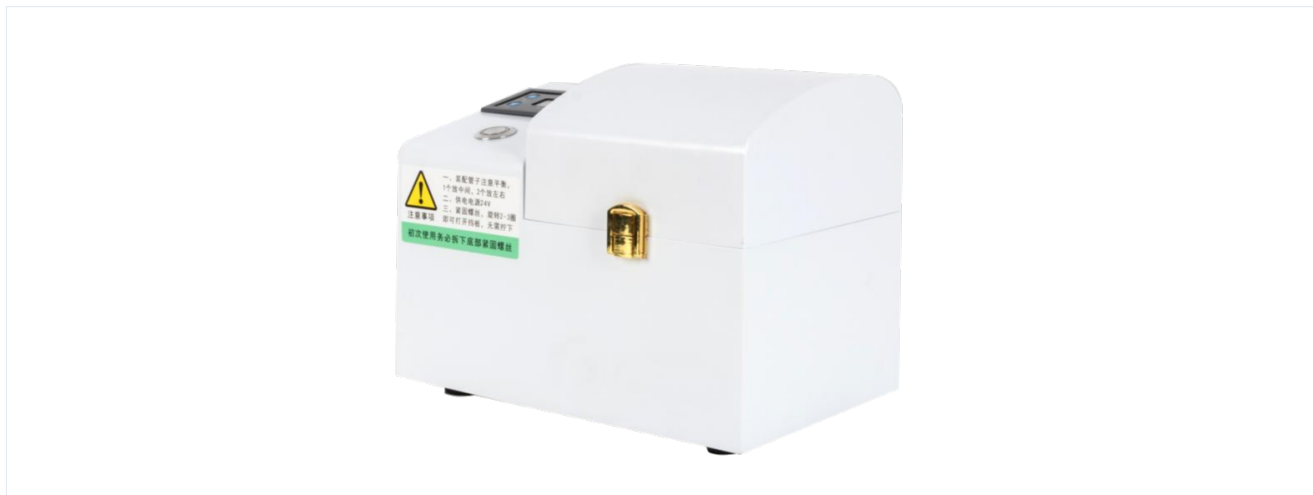
Portable tissue grinder designed for rapid homogenization of hair, sputum, plants, food, and microbial samples. Ideal for lab, field, and clinical use.

<https://www.planetaryballmills.com/products/research-equipment/portable-tissue-grinder.html>



Product Overview

Portable tissue grinder designed for rapid homogenization of hair, sputum, plants, food, and microbial samples. Ideal for lab, field, and clinical use.



Product Introduction

The portable tissue grinder performs three-dimensional movement in the horizontal direction to grind the sample. The inertia of the grinding balls/beads drives them to impact the sample material located on the arc-shaped inner surface with high energy, thereby achieving the effect of crushing and grinding. The movement of the adapter can be superimposed with the movement of the internal ball to thoroughly mix the sample.





It is suitable for grinding various tissues such as hair, sputum, plants, food, and microorganisms.

Technical parameters

model	ZZYM-06
Throughput	5ml*2/2ml*4/2ml*6
Supply voltage	DC12V
Battery capacity	6000mAh
Grinding time	1-9999S arbitrarily adjustable
Security protection	work safety lock
Noise level	<54dB
Working principle	Use 3D motion mode to grind samples
size	210*140*150 mm
weight	2Kg

Product Features

1. Portable design, small size and light weight, easy to carry.
2. High throughput, good effect, fast and accurate.
3. Powerful stirring for lysis, grinding or homogenization.
4. Simple operation and safe design ensure safe operation.
5. Portable mobile power adapter, can be used anytime and anywhere.

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.