

Low-Temperature Water-Cooled Touchscreen Vibratory Ultrafine Pulverizer

Item Number: KT-CG04



Introduction

Low-temperature water-cooled vibratory pulverizer for ultrafine grinding. Preserves material integrity. Ideal for labs and production. Learn more.

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Parameter	Specification
Type	Vibratory Ultrafine Pulverizer (Low-Temperature Water-Cooled Touch Screen Automatic Control)
Main Power Supply	380V / 1.1kW (Motor Brand: Xinbei)
Working Principle	High-frequency vibration
Working Mode	Intermittent
Control Method	Fully automatic intelligent touch screen control
Automated Functions	Automatic lifting, locking, tilting, discharge, and temperature control
Overall Dimensions (L×W×H)	1650 × 900 × 1550 mm
Main Unit Weight	650 kg
Grinding Cylinder Volume	≥ 6 L
Grinding Cylinder Material	304 Stainless Steel
Grinding Rods (Material/Size/Quantity)	304 Stainless Steel / Φ20mm × 175mm / 75 rods
Material Box Volume/Quantity	2.0 L / 2 units
Material Box Material	304 Stainless Steel
Feeding Capacity (per batch)	Approx. 0.2 - 0.5 kg
Output Capacity	1.0 - 3.0 kg/h (varies with fineness and material)
Pulverization Fineness (Chinese Medicine/Food)	300 - 3000 mesh
Pulverization Fineness (Chemical/Food/Other)	500 - 5000 mesh (varies with material)
Cell Wall Breakage Rate (Pollen/Spores)	> 95%
Low-Temperature System	Integrated Water Chiller
Refrigeration Power	380V / 2.2kW / 2P
Refrigeration Compressor	American Copeland
Temperature Range	0°C to -25°C
Circulating Refrigerant	Ethylene glycol
Refrigeration Unit Dimensions (L×W×H)	700 × 500 × 1930 mm

Parameter	Specification
Refrigeration Unit Weight	100 kg
Placement Conditions	Suitable for Class 100,000-300,000 GMP cleanrooms; no destructive installation required
Noise Enclosure	Three-layer sound insulation (stainless steel + sound-absorbing plate)