

Liquid Nitrogen Cryogenic Vibration Ball Mill

Item Number: Kt-VBM100



Introduction

Kt-VBM100 is a laboratory desktop high-performance vibrating ball mill and sieving dual-purpose small and lightweight instrument. The vibrating platform with a vibration frequency of 36,000 times/min provides energy.

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Maximum injection size	< 5 mm
Sample particle size range	20um
Grinding amount	1g-20g
Vibration frequency	3000-3600r/min
Vibration amplitude	3mm
Vibration mode	two dimensional
Liquid nitrogen freezing method	Immersion
Grinding temperature	-196°C — 40°C
Ball mill material	Stainless Steel Tungsten Carbide Zirconia
Number of ball mill jars	1
Ball mill tank volume	150ml
Grinding ball material	Stainless Steel Tungsten Carbide Zirconia
Grinding Ball Diameter	40-60mm
Grinding method	Dry Grinding Wet Grinding Cryogenic Grinding
Screening method	dry sieving wet sieving
Mesh Diameter	100mm 150mm
Dry screening range	20um - 63mm
Wet screening range	20um - 10mm
Maximum sieving weight	3kg
Screen layers	2-5 floors
Drive mod	mechanical drive
Electrical description	100-120V/200-240V AC, 50-60Hz, 150W
Power port	National Standard European Standard American Standard British Standard, etc.
Net weight	35kg
Dimensions (width, depth and height)	400*300*200mm
Protection class	IP65
Standard	CE

Additional items

Wet Screening Locking Platen and Screen Bottom with Nozzles, PC Shield for Cryogenic Grinding