

# Nano Sand Mill For Laboratory

Item Number: KT-NM2000



## Introduction

KT-NM2000 is a nano-scale sample grinder for laboratory desktop use. It uses 0.1-1mm diameter zirconia sand grinding media, zirconia grinding rods and grinding chambers to achieve friction and shear forces during high-speed rotation.

[Learn More](#)

Grinding chamber volume	1000ml
Processing method	batch or loop
Grinding chamber material	Zirconia
Grinding rod material	
Chamber cover material	
Cooling tube material	304 stainless steel
Grinding media material	Zirconia
Grinding media diameter	0.1-1mm
Grinding method	wet grinding
Screening particle size range	1-50nm
Rotating speed	2000 rpm
control method	Frequency Control
Circulating cooling system	yes
Cooling medium	Coolant
Sample circulation system	yes
Circulation flow rate	8L/min
Micro Sample Dispenser	yes
Diffuser speed	1800r/min
High borosilicate sampling cup	yes
Sampling cup volume	2500ml
Diffuser bracket material	304 stainless steel
Quick-Removable Coolant Bottle	yes
Electrical description	100-120V/200-240V AC ,50-60Hz, 1100W
Power port	National standard / European standard / American standard / British standard, etc.
Net weight	85kg
Dimensions (width, depth and height)	470*470*290mm
Protection class	IP65

Standard

CE