



KINTEK SOLUTION

Cryogenic Grinder Catalog

Contact us for more catalogs of [Sample Preparation](#), [Thermal Equipment](#), [Lab Consumables & Materials](#), [Bio-Chem Equipment](#), etc.

KINTEK SOLUTION

COMPANY PROFILE

>>> About Us

KinTek Group Limited is one technology orientated organization, team members are devoted to probing the most efficient and reliable technology and innovations in the scientific researching equipment, fields like biochemical reacting, new materials researching, heat treatment, vaccum creating, refrigerating, as while as pharmaceutical and petroleum extracting equipment.



Small Cryogenic Grinder Cryomill Cryogrinder Use Liquid Nitrogen

Item Number: KT-DC31



Introduction

Our KINTEK Cryomilling is perfect for small runs and R&D trials. With a versatile cryogenic system, it can handle a variety of materials, including plastics, rubber, pharmaceuticals, and food grades. Plus, our specialized hydraulic laboratory crushers ensure accurate results through multiple passes, making it suitable for XRF analysis. Get finely-powdered samples with ease!

[Learn More](#)

Product Name	Liquid Nitrogen Low Temperature Pulverizer
Model	KT-DC31
Power	1.8kw
Voltage	220V/50Hz
Low temperature crushing fineness	40-300 mesh
Output	0.3-3kg/h
Small processing capacity	10g
Discharging method	continuous
Rotation speed	25000r/min
Host weight	12kg
Host size	290*280*480mm
Cooling medium	Liquid nitrogen
Knife type	multi-sided tilting knife
Principle of crushing	High-speed impact
Liquid nitrogen output mode	liquid nitrogen pump
Liquid discharge control	Ball valve with scale
Discharging method	Screenless air separation
Liquid nitrogen system	Foot-operated/self-pressurizing type (choose one)
Note	Please pay attention to ventilation when using the equipment, and please do a good job in low temperature protection.

Cryogenic Grinder Cryomill Cryogrinder For Plastic Raw Materials And Heat-Sensitive Materials

Item Number: KT-CG01



Introduction

Discover the KT-CG01 Liquid Nitrogen Cryogenic Pulverizer, Ideal for Plastic and Heat-Sensitive Material Pulverization, Preserving Material Integrity and Delivering Ultra-Fine Results.

[Learn More](#)

Parameter	Specification
Name	Liquid Nitrogen Cryogenic Grinding Machine
Model	KT-CG01
Power	1.8kw
Voltage	220V
Cryogenic Grinding Machine Fineness	40-300 mesh
Capacity	1-3kg/h
Small Capacity	10g
Discharge Mode	Continuous
Speed	25000r/min
Weight	12kg
Size	290280480mm
Cooling Medium	Liquid Nitrogen
Knife Type	Polygonal Head Knife
Crushing Principle	High-speed Collision
Discharge	No Sieve Wind Selection
Liquid Nitrogen System	Foot / Self-pressurized (choose one)

Cryogenic Grinder Cryomill Cryogrinder Machine

Item Number: KT-CG02



Introduction

Discover the Liquid Nitrogen Cryogenic Pulverizer with Screw Feeder, perfect for fine material processing. Ideal for plastics, rubber, and more. Boost your lab efficiency now!

[Learn More](#)

Parameter	Specification
Model	KT-CG02
Host power	1.8kw
Voltage	220V/50Hz
Host speed	25000r/min
Crushing fineness	40-350 mesh
Batch production	0.3-3kg/h
Sample size	10g
Feed size	≤5mm
Seal ring	Low temperature fluorine rubber
Discharge mode	Continuous
Feeding motor	40w
Feeding speed	0-10r/min
Feeding method	Screw/Manual
Liquid nitrogen tank model	YDS-30
Volume of liquid nitrogen tank	30L(50L optional)
Liquid nitrogen pump model	YDB-50J
Liquid nitrogen input	Electric pump/Foot pump
Liquid nitrogen output control	Scale valve
Crushing mode	High speed impact
Discharge mode	No sieve wind selection
Weight	46kg
Overall dimension	750*450*850mm

Cryogenic Grinder Cryomill Cryogrinder Machine Airflow Ultrafine Pulverizer

Item Number: KT-CG03



Introduction

Discover the Liquid Nitrogen Cryogenic Grinding Machine, perfect for lab use, ultra-fine pulverization, and preserving material properties. Ideal for pharmaceuticals, cosmetics, and more.

[Learn More](#)

Parameter	Specification
Name	Laboratory cryogenic freezer pulverizer
Model	KT-CG03
Power	1.8kw
Voltage	220V
Low-temperature crushing fineness	40-300 mesh
Output	1-3kg/h
Speed	25000r/min
Pulverizer weight	10kg
Overall dimensions	480 * 290 * 280
Cooling	Liquid nitrogen freezing
Knife Type	Multilateral warped head knife
Crushing principle	High-speed impact
Screening	Wind selection (no sieve)
Fibrous materials crushed at room temperature fineness	120 mesh-500 mesh
Brittle materials crushed at room temperature fineness	300 mesh-1000 mesh
Note	Equipment plus liquid nitrogen use air humidity should not be greater than 50% RH



Kintek Solution

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