KINTEK SOLUTION

Rod Mill 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 efficicent and reliable technology and innovations in the scienticfic researching equipment, fields like biochemical reacting, new materials researching, heat treatment, vaccum creating, refrigerating, as while as pharmaceutical and petroleum extracting equipment.

Small Rod Mill Cylinder Cleaning Machine Laboratory Powder Container Cleaner

Item Number: KT-BMC

Introduction

Optimize lab workflows with this automated small rod mill cylinder cleaning machine. Designed for rapid residual powder removal across multiple grinding jar diameters, it prevents sample cross-contamination during geological, metallurgical, and mining sample preparation routines effectively and reliably.

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Application	Description	Key Benefit
Geological Assay Sample Preparation	Clearing residual gold ore, bauxite, and quartz powders from rod mill barrels between sample runs.	Eliminates sample-to-sample cross-contamination, ensuring accurate trace element quantification and assay reliability.
Metallurgical & Slag Analysis	Removing sticky iron ore, coke, and gangue particulates from cylindrical grinding containers.	Prevents chemical contamination across alloy batches and preserves baseline purity in high-accuracy metallurgical testing.
Coal & Energy Testing	Decontaminating fine coal dust (80–200 mesh) clung to internal barrel walls post-pulverization.	Prevents ash content and volatile matter measurement discrepancies caused by retained sample carryover.
Cement & Building Materials	Cleaning embedded limestone, gypsum, and raw clinker powder coatings inside grinding cylinders.	Maintains exact internal container volumes and consistent abrasive friction conditions for standardized grindability testing.
Chemical & Mineral Research	Automated sanitation of custom laboratory synthesis barrels and ceramic grinding vessels.	Reduces manual laboratory labor, standardizes cleaning cycle times, and upholds cleanroom powder handling procedures.

Technical Parameter	Specification Value / Detail
Model Identifier	KT-BMC
Applicable Cylinder Diameters	Φ108 mm, Φ127 mm, Φ144 mm
Compatible Cylinder Depth	200 mm ~ 240 mm
Feed Powder Granularity	80 ~ 200 mesh
Brush Roller Diameter	φ140 mm
Brush Roller Length	220 mm
Brush Roller Rotation Speed	31 r/min
Machine Rotation Speed	115 r/min
Input Electrical Supply	220 V / 60 Hz
Integrated Blower Model	KMS-101
Blower Motor Power	1000 W

Eco Friendly Sealed Double Layer Small Rod Mill

Item Number: KT-BMB

Introduction

Discover our eco friendly sealed double layer small rod mill engineered for dust free automated laboratory sample preparation delivering uniform eighty to two hundred mesh grinding across multi barrel configurations with intelligent timing and heavy duty vulcanized rubber drive rollers.

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Application	Description	Key Benefit
Mining Ore Grade Assay	Pulverizing core drillings, run-of-mine ores, and flotation tailings to fine powders for XRF and fire assay prep	Achieves 80 to 200 mesh particle distribution without cross-batch sample contamination
Geological Exploration	Processing geochemical exploration stream sediments and lithological samples across multi-barrel arrays	Delivers rapid parallel preparation of multiple field samples with uniform analytical reproducibility
Metallurgical Slag & Sinter Quality Control	Grinding high-hardness ironmaking slags, blast furnace sinters, and ferroalloys prior to chemical titration	Withstands severe abrasive wear while ensuring completely homogeneous composite test charges
Industrial Minerals & Refractories	Size reduction of bauxite, magnesite, silica sand, and abrasive clays to target liberation sizes	Eliminates toxic respirable silica dust release through a sealed, negative-pressure hood design
Cement & Clinker Analysis	Grinding raw meal, Portland cement clinker, and gypsum additives under standardized pulverizing durations	Eliminates separate post-grind sieving steps by performing in-situ sample homogenization
Advanced Technical Ceramics	Commuting oxide and non-oxide ceramic precursors into consistent sub-sieve particles prior to pressing	Maintains tight particle size distribution curves without thermal degradation of sensitive batches
Coal & Coke Laboratory Testing	Preparing coal drill cores, vitrinite samples, and coke specimens for proximate and ultimate analytical methods	Sealed barrels prevent volatile constituent loss while ensuring representative moisture retention
Environmental Soil & Heavy Metal Screening	Milling contaminated soil cores, sediments, and solid industrial wastes for trace metal acid digestion	Simultaneous self-mixing homogenizes heterogeneous soil matrices for dependable analytical results

Parameter	Specification
Product Item Number	KT-BMB
Grinding Mechanism	Line-contact rod shear, impact, and planetary barrel tumbling
Feed Particle Size	< 2 mm
Final Discharge Fineness	80–200 mesh (180 µm to 75 µm)
Roller Outer Diameter	100 mm
Roller Surface Material	Industrial vulcanized wear-resistant rubber
Drive Motor Rated Power	2.2 kW
Rated Operating Voltage	380 V (3-phase, 50/60 Hz)
Operational Layout	Two-tier double-deck roller arrangement
Environmental Safety Enclosure	Transparent polycarbonate hinged hood with noise-reduction ventilation
Control System	Digital micro-timer with power-loss memory retention and auto-stop

Parameter	Specification
Overload Protection	Integrated overcurrent trip relay with automatic fault shutoff
Grinding Vessel & Rod Material	Quenched and tempered wear-resistant alloy tool steel
Vessel Dimensions	Standard laboratory sizes and custom capacities available upon request

Model Identifier	Tier Configuration	Barrel Capacity	Operating Power	Target Throughput / Application Scale
KT-BMB-04	Double-Layer (2 × 2)	4 Barrels	2.2 kW	Benchtop R&D and specialized exploratory sample batches
KT-BMB-08	Double-Layer (4 × 2)	8 Barrels	2.2 kW	Intermediate exploration and metallurgical pilot laboratories
KT-BMB-12	Double-Layer (6 × 2)	12 Barrels	2.2 kW	Standard commercial mining test centers and quality control labs
KT-BMB-16	Double-Layer (8 × 2)	16 Barrels	2.2 kW	Medium-to-high capacity metallurgical testing facilities
KT-BMB-24	Double-Layer (12 × 2)	24 Barrels	2.2 kW	High-throughput industrial processing and routine geological assays
KT-BMB-50	Double-Layer (25 × 2)	50 Barrels	2.2 kW	Central assay laboratories with continuous multi-batch preparation

Four Roll Multi Jar Batch Laboratory Rod Mill System For Mineral Ore Sample Preparation And Geological Pulverization

Item Number: KT-BM

Introduction

High throughput four roll batch laboratory rod mill system engineered for rapid dust free preparation of gold ores and geological samples with integrated mechanical dumping automated timing control micro latch jar sealing and concentrated exhaust sweeping for efficient sample pulverization.

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Application	Description	Key Benefit
Gold Ore Assay Preparation	Pulverizes high-volume gold ore exploration samples prior to fire assay or aqua regia digestion.	Maintains strict sample uniformity and eliminates gold particle segregation while processing up to 45 jars per shift.
Exploration Geology Analysis	Rapid batch grinding of drill core samples, stream sediments, and outcrop rock specimens.	High throughput enables processing 40 to 50 samples to -200 mesh within 1 to 2 hours without manual intervention.
Mining and Metallurgical QC	Daily quality control grinding of run-of-mine minerals, slag, tailings, and concentrated ores.	Low-noise shear milling reduces wear and tear while delivering consistent grain size distributions across diverse mineral matrices.
Industrial Silicate & Ceramic Testing	Ultra-fine reduction of raw quartz, feldspar, clay, and refractory raw materials for ceramic formulation.	Fully enclosed micro-latch jars prevent contamination by external iron or stray debris during fine grinding cycles.
Environmental Soil & Sediment Testing	Batch homogenization of soil cores and environmental sediments for trace heavy metal screening.	Integrated exhaust hood and mechanical sweeping prevent dust escape and safeguard operators from silica and heavy metal hazards.
Industrial Mineral R&D	Flexible batch testing of experimental mineral blends across varying jar volumes and media loadings.	Multi-size jar compatibility allows researchers to evaluate small 0.92 L batches up to large 3.60 L industrial test runs simultaneously.

Parameter Category	Technical Specification	Details / Notes
Equipment Model Code	KT-BM Series	Multi-Jar Laboratory Batch Rod Mill
Feed Material Grain Size	-2 mm (< 2 mm)	Maximum recommended initial feed size
Final Product Particle Size	80 to 200 Mesh	Adjustable based on grinding duration and rod loading
Simultaneous Processing Capacity	40 Jars (Φ144/Φ146 mm) or 55 Jars (Φ108 mm)	Up to 50 samples ground to -200 mesh in 1–2 hours
Main Drive Motor Power & Speed	1.5 kW @ 940 r/min	Heavy-duty induction motor with over-current protection
Dust Sweeping Motor Power & Speed	370 W @ 940 r/min	Dedicated exhaust fan motor for localized hooding
Drive Roller Specifications	Outer Diameter: Φ130 mm; Speed: 160 r/min	High-friction vulcanized rubber coating
Machine Functions	Grinding, Mixing, Mechanical Dumping, Dust Sweeping	Fully integrated sample preparation workstation

Model Variant	Outer Diameter (mm)	Inner Diameter (mm)	Inner Height (mm)	Nominal Volume (L)
KT-BM-108	Φ108	Φ97	125	0.92
KT-BM-125	Φ125	Φ115	159	1.65
KT-BM-144	Φ144	Φ134	185	2.50

Model Variant	Outer Diameter (mm)	Inner Diameter (mm)	Inner Height (mm)	Nominal Volume (L)
KT-BM-166	Φ166	Φ152	198	3.60

Material Type	Jar Variant Code	Batch Processing Throughput	Operational Time Window
Gold Ore Samples	KT-BM-125 (Φ125 Jar)	27 to 45 Jars	4 to 8 Hours
Gold Ore Samples	KT-BM-144 (Φ144 Jar)	24 to 40 Jars	4 to 8 Hours
General Geological Samples	KT-BM-108 (Φ108 Jar)	30 to 50 Jars	1 Hour

Single Layer Sealed Laboratory Rod Mill For Ore Assay Grinding And Mineral Sample Preparation

Item Number: KT-BMA

Introduction

This sealed laboratory rod mill delivers precise ore grinding and automated sample homogenization for assay laboratories. Featuring advanced dust suppression, robust overcurrent protection, and multi-barrel flexibility, it ensures exceptional mineral liberation, safe operation, and consistent metallurgical testing results every batch.

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Application	Description	Key Benefit
Precious Metal Ore Assay Preparation	Pulverizing native gold, silver, and platinum-group minerals prior to fire assay or instrumental analysis.	Eliminates ductile gold smearing and barrel plating, ensuring homogenous sample aliquots and reliable grade assays.
Geochemical Exploration Screening	Rapid batch grinding of exploration core samples, stream sediments, and surface rock chips to analytical mesh.	Combines grinding and mixing in one step, drastically increasing daily laboratory throughput without cross-contamination.
Industrial Mineral & Quartz Processing	Comminution of high-purity quartz, feldspar, and silica rocks down to 80–200 mesh analytical standards.	Hermetic barrel sealing and localized exhaust containment isolate hazardous crystalline silica dust completely.
Base Metal Flotation Evaluation	Grinding copper, lead, zinc, and iron sulfide ores to targeted liberation mesh sizes for benchtop metallurgical tests.	Line-contact rod action prevents excessive slime generation, delivering a clean, narrow particle size distribution for flotation.
Rare Earth & Critical Mineral Characterization	Comminuting carbonatite, pegmatite, and monazite samples for X-ray fluorescence (XRF) and ICP-MS digestion.	Delivers uniform fine powders without unground coarse fractions, optimizing chemical dissolution rates and analytical accuracy.
Lithium & Battery Mineral Research	Size reduction and homogeneous blending of spodumene, lepidolite, and clay-based lithium ores for extraction testing.	Auto-homogenization inside the barrel produces uniform grade batches for highly reproducible hydrometallurgical leaching curves.
Cement Clinker & Raw Meal Testing	Grinding raw meal, limestone, and rotary kiln clinker samples for quality control titrations and spectrometer analysis.	Fast turnaround and automated timer control ensure rapid, consistent quality control validation during production shifts.

Parameter Group	Specification Detail	System Value / Capability
Product Item Number	System Identifier	KT-BMA
Drive Roller Configuration	Drive Mechanism	Single-layer dual-roller horizontal drive platform
Roller Dimensions	Outer Diameter	Φ130 mm
Drive Roller Rotation Speed	Operational Speed	160 rpm (r/min)
Roller Material	Surface Damping Layer	Heavy-duty wear-resistant synthetic elastomer / rubber
Barrel Quantity Configurations	Standard Model Variants	KT-BMA-4 (4 barrels) KT-BMA-8 (8 barrels) KT-BMA-12 (12 barrels) KT-BMA-16 (16 barrels) KT-BMA-24 (24 barrels) KT-BMA-50 (50 barrels, customized multi-frame)
Available Barrel Outer Diameters	Modular Vessel Options	Φ108 mm, Φ125 mm, Φ146 mm, Φ166 mm (interchangeable)
Maximum Feed Particle Size	Inflow Limitation	-2 mm (pre-crushed rock and ore samples)

Parameter Group	Specification Detail	System Value / Capability
Final Discharge Fineness	Output Size Distribution	80 to 200 Mesh (74 μm to 178 μm, application dependent)
Comminution Medium	Grinding Charge	Hardened alloy steel grinding rods (calculated length-to-diameter ratio)
Vessel Clamping System	Sealing Technology	Crossbeam micro-spring dynamic tension locking structure
Operational Timing System	Digital Process Control	Automatic net-grinding digital timer with power-loss memory retention
Electrical Safety Protection	System Safeguard	Integrated overcurrent thermal trip with automatic emergency shutdown
Dust Control & Extraction	Operator Protection	Low-noise dynamic draft exhaust fan with direct containment port
Ergonomic Accessories	Included Equipment	Barrel extraction carriage, sample pourer, cleaning brushes, dust shield

Laboratory Small Rod Mill Barrel High Precision Rod Grinding Jar For Ore Sample Preparation

Item Number: KT-BMD

Introduction

Engineered for high-precision laboratory sample pulverization, this durable rod grinding barrel incorporates specialized hexagonal and cylindrical grinding rods to deliver rapid material breakdown and uniform particle size reduction across geological, mining, and metallurgical sample preparation workflows with unmatched reliability.

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Application	Description	Key Benefit
Geological Ore Sample Preparation	Pulverizing core samples, quartz, gold-bearing pyrites, and rock specimens into fine powders for chemical and XRF assaying.	Achieves rapid particle size reduction to 200 mesh while preserving sample representativeness.
Metallurgical Beneficiation Testing	Grinding raw mineral feeds to evaluate liberation size and flotation/magnetic separation performance.	Delivers uniform size distribution curves with controllable fine generation for accurate bench testing.
Pyrite & Heavy Mineral Milling	High-density grinding of pyrite (specific gravity ~5.26 t/m³) and heavy metallic ores under heavy impact.	Robust construction resists excessive wall wear and handles heavy volume-to-mass loading without stalling.
Industrial Minerals & Ceramics Research	Fine wet or dry milling of clays, silicates, feldspar, and advanced oxide powders for material formulation.	Uniform media action prevents agglomeration and provides narrow particle size distributions.
Mining QA/QC Control Labs	Routine daily batch crushing of production run samples for grade verification and moisture analysis.	Quick loading and seal integrity streamline high-throughput laboratory workflows.
Academic & Institutional R&D	Flexible benchtop pulverization for geological, chemical, and materials engineering research projects.	Versatile capacity options accommodate small research samples with fully predictable kinetics.

Model	Outer Diameter (mm)	Inner Diameter (mm)	Inner Height / Length (mm)	Total Barrel Volume (L)	Round Rod Count (pcs)	Hexagonal Rod Count (pcs)	Effective Working Volume (L)	Max Pyrite Charge @ 30% (kg)
KT-BMD-108x170	108	97	125	0.92	3	2	0.42	0.70
KT-BMD-127x206	127	115	159	1.65	3	2	0.80	1.26
KT-BMD-144x237	144	134	185	2.50	3	2	2.10	3.30
KT-BMD-166x250	166	152	198	3.60	4	3	3.00	4.90
KT-BMD-180x237	180	134	185	3.80	4	3	3.28	5.18
KT-BMD-180x250	176	162	200	4.12	4	3	3.54	5.60

Model	Barrel Outer Diameter (mm)	Internal Rod Diameter (mm)
KT-BMD-108x170	Φ108	18
KT-BMD-127x206	Φ127	22
KT-BMD-144x237	Φ144	24

Barrel Outer Diameter (mm)	0.5 Hour Grinding Mass (g)	1.0 Hour Grinding Mass (g)	2.0 Hours Grinding Mass (g)	4.0 Hours Grinding Mass (g)
Φ108 (KT-BMD-108x170)	60	100	130	160
Φ127 (KT-BMD-127x206)	120	200	250	350
Φ144 (KT-BMD-144x237)	200	250	330	600

Laboratory Conical Rod Mill Fine Grinding Machine

Item Number: KT-BMS

Introduction

Engineered for precise ore beneficiation and mineral research, this laboratory conical rod mill delivers uniform grinding from 180 to 400 mesh with minimal overgrinding. Featuring automated electric controls, dry and wet milling versatility, and interchangeable grinding media for reliable testing.

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Application	Description	Key Benefit
Ore Beneficiation & Flotation Testing	Preparing finely ground mineral samples such as copper, gold, iron, and polymetallic ores for artificial heavy-medium separation and froth flotation screening	Delivers a tightly controlled 180 to 400 mesh discharge that prevents slime formation and maximizes mineral liberation efficiency
Coal & Coke Analytical Characterization	Grinding raw coal, coke, and carbonaceous feedstocks down to uniform powder consistency for proximate analysis and calorific evaluation	Minimizes ultrafine dust generation while preserving representative maceral distribution across tested sample volumes
Geological Survey Heavy Mineral Analysis	Pulverizing bulk drill cores, rock cuttings, and geological field specimens to isolate heavy sands, rare earth elements, and trace minerals	High single-batch sample capacity accelerates throughput while preventing micro-fracture damage to crystalline marker minerals
Advanced Ceramic & Refractory Processing	Wet and dry batch grinding of technical oxide ceramics, silicates, and raw refractory compounds prior to pressing and thermal sintering	Eliminates particle aggregation through uniform rod action, ensuring homogenous packing density during downstream compaction
Cement & Construction Material Testing	Milling clinker, blast furnace slag, pozzolanic additives, and gypsum to evaluate reactivity curves and hydration kinetics	Consistent roller speed control yields precise particle fineness curves that mirror full-scale industrial ball mill performance
Environmental Soil & Slag Remediation	Comminuting solid industrial residues, metallurgical tailings, and contaminated soil matrices for chemical extraction and leaching kinetics	Motorized electric discharge prevents cross-sample contamination and ensures complete slurry recovery for analytical integrity

Specification Parameter	KT-BMS-1	KT-BMS-2	KT-BMS-3
Roller Architecture	Three-Roller System	Four-Roller System	Four-Roller System
Barrel Capacity Configuration	4 Simultaneous Barrels	16 Simultaneous Barrels	50 Simultaneous Barrels
Roller Diameter	φ127 mm	φ127 mm	φ127 mm
Roller Rotational Speed	140 / 160 r/min	140 / 160 r/min	140 / 160 r/min
Compatible Barrel Diameters	φ108 mm, φ127 mm, φ146 mm	φ108 mm, φ127 mm, φ146 mm	φ108 mm, φ127 mm, φ146 mm
Maximum Feed Particle Size	≤ 2.0 mm	≤ 2.0 mm	≤ 2.0 mm
Final Discharge Fineness	180 - 400 Mesh	180 - 400 Mesh	180 - 400 Mesh
Grinding Media Options	Alloy Steel Rods / Steel Balls	Alloy Steel Rods / Steel Balls	Alloy Steel Rods / Steel Balls
Processing Modes	Dry Milling & Wet Slurry Milling	Dry Milling & Wet Slurry Milling	Dry Milling & Wet Slurry Milling
Barrel Positioning Control	Motorized Electric Tilting	Motorized Electric Tilting	Motorized Electric Tilting
Display & Interface	LCD Digital Menu Screen	LCD Digital Menu Screen	LCD Digital Menu Screen
Process Timer Adjustment	Fully Arbitrary / Programmable	Fully Arbitrary / Programmable	Fully Arbitrary / Programmable
Rated Motor Power	2.2 kW	2.2 kW	2.2 kW

Specification Parameter	KT-BMS-1	KT-BMS-2	KT-BMS-3
External Dimensions (L × W × H)	760 × 510 × 520 mm	1250 × 710 × 720 mm	2180 × 966 × 868 mm
Equipment Net Weight	120 kg	220 kg	450 kg

Laboratory Four Roller Multi Jar Rod Mill For Mineral Grinding And High Throughput Ore Sample Preparation

Item Number: KT-BMJ

Introduction

Engineered for high-throughput geochemical analysis and mineral beneficiation, this multi-roller laboratory rod mill delivers exceptional batch uniformity, low over-grinding, and flexible dry or wet grinding capacity for processing up to fifty ore samples simultaneously with maximum analytical precision.

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Application	Description	Key Benefit
Gold Ore Assay Sample Preparation	Pulverizing core drillings and quartz vein gold ores down to 180–400 mesh for fire assay, aqua regia digestion, and atomic absorption spectroscopy.	Delivers uniform fine liberation without localized metal smearing or gold loss, ensuring highly representative analytical sub-samples.
Mineral Floatability Testing	Preparing precisely sized mineral slurries for benchtop single-cell (0.5 L to 1.5 L) and hanging-cell (0.02 L to 0.14 L) laboratory flotation units.	Eliminates excessive slime generation, preserving pristine mineral surface properties essential for collector selectivity and recovery accuracy.
Coal and Coke Petrology Analysis	Dry-milling raw coal, anthracite, and metallurgical coke samples to analytical fineness for proximate analysis, calorific determination, and sulfur testing.	Prevents sample overheating and oxidation through controlled mechanical attrition, preserving sample chemistry integrity.
Geological Exploration Core Pulverization	High-throughput batch reduction of hard-rock exploration samples, silicates, and polymetallic sulfides from 2 mm feed down to fine analytical fractions.	Enables simultaneous processing of up to 50 drill core samples under identical comminution parameters, maximizing laboratory throughput.
Heavy Mineral Separation (Artificial Heavy Sands)	Controlled grinding of stream sediments and heavy mineral sands to liberate indicator minerals, zircon, rutile, and rare-earth oxides.	Maintains crystal morphology without fracturing delicate indicator grains through gentle rod-impact grinding kinetics.
Ceramic and Specialty Chemical Synthesis	Homogenizing abrasive ceramic oxides, refractory clays, and solid-state battery precursors in dry or wet environments prior to calcination.	Self-mixing tumbling motion produces perfectly uniform multi-component blending with negligible internal jar contamination.

Specification Parameter	KT-BMJ-1 (Three-Roller Four-Jar)	KT-BMJ-2 (Four-Roller Sixteen-Jar)	KT-BMJ-3 (Four-Roller Fifty-Jar)
Roller Configuration	3 Parallel Rollers (1 Drive, 2 Driven)	4 Parallel Rollers (Active / Passive Array)	4 Parallel Rollers (Extended Multi-Tier Array)
Jar Processing Capacity	4 Grinding Barrels Simultaneously	16 Grinding Barrels Simultaneously	50 Grinding Barrels Simultaneously
Standard Barrel Diameters	Φ108 mm, Φ127 mm, Φ146 mm	Φ108 mm, Φ127 mm, Φ146 mm	Φ108 mm, Φ127 mm, Φ146 mm
Roller Diameter	Φ127 mm	Φ127 mm	Φ127 mm
Operating Roller Speed	140 r/min / 160 r/min (VFD Regulated)	140 r/min / 160 r/min (VFD Regulated)	140 r/min / 160 r/min (VFD Regulated)
Maximum Feed Particle Size	≤ 2.0 mm	≤ 2.0 mm	≤ 2.0 mm
Discharge Particle Size Range	180 – 400 Mesh (38 – 80 μm)	180 – 400 Mesh (38 – 80 μm)	180 – 400 Mesh (38 – 80 μm)
Motor Power	2.2 kW	2.2 kW	2.2 kW
Grinding Media Compatibility	Hardened Alloy Steel Rods or Steel Balls	Hardened Alloy Steel Rods or Steel Balls	Hardened Alloy Steel Rods or Steel Balls
Grinding Modes	Dry Grinding / Wet Slurry Grinding	Dry Grinding / Wet Slurry Grinding	Dry Grinding / Wet Slurry Grinding
Process Automation	Electric Tilting / Motorized Barrel Control	Electric Tilting / Motorized Barrel Control	Electric Tilting / Motorized Barrel Control

Specification Parameter	KT-BMJ-1 (Three-Roller Four-Jar)	KT-BMJ-2 (Four-Roller Sixteen-Jar)	KT-BMJ-3 (Four-Roller Fifty-Jar)
Compatible Flotation Feed Volumes	0.5 L, 0.75 L, 1.0 L, 1.5 L (Single Cell)	0.02 L, 0.06 L, 0.1 L, 0.14 L (Hanging Cell)	Multi-batch continuous analytical banks
Equipment Dimensions (L × W × H)	760 mm × 510 mm × 520 mm	1250 mm × 710 mm × 720 mm	2180 mm × 966 mm × 868 mm
Equipment Net Weight	120 kg	220 kg	450 kg

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