



YES Solutions

Mixing / Dispersing
Powder Refinement Technology

KM BEAD MILL



We offer you
One thing first and foremost:
An open range of possibilities.

ELECTRONICS



ENERGY



INDUSTRIAL



LIFE SCIENCE



KM BEAD MILL



- Motorized lifting and lowering of vessel chamber
- Free screen type of mill
(No worry of pressure rising inside the chamber)
- Sealless type of mill (Reducing the maintenance cost)
- Lid with safety sanitary clamp lock, quick and easy to operate
- Integrated CIP design
- Design suitable for hot water steam sterilization and chamber pressure design suitable for 8 bar of water steam
- RPM—control of the agitator drive
- Vertical mixing
- Methods for suction and dispersion of powders with medium
- Homogenizing with beads in the recirculation
- Materials: SUS420J2, Cr Alloy, Zirconia, Sic Ceramic etc
- Heating and cooling processes with double jacketed vessel chamber
- Control and automation via touch screen

■ The Areas of Application

Secondary Battery	CNT(Carbon Nano Tube)
Paint/Pigment/Ink	Ceramic Material
Pharmaceutical/Cosmetics	Glass Powder
Advanced Material for High Technology	Metal Flake/Coating

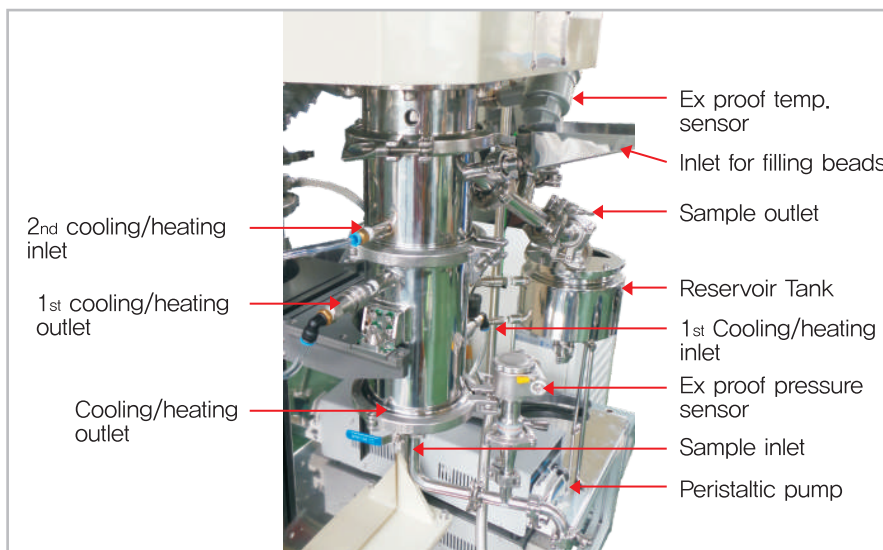
■ Feature Details

- Sealless structure – There is no maintenance cost for exchanging the mechanical seal or lip seal.
- Sieve—free structure – There is no pressure increasing inside the vessel chamber.
- Several sizes of beads are available.
- Convenient structure for filling the beads.
- Available in explosion—proof design.
- Easy cleaning.
- High reproducibility.

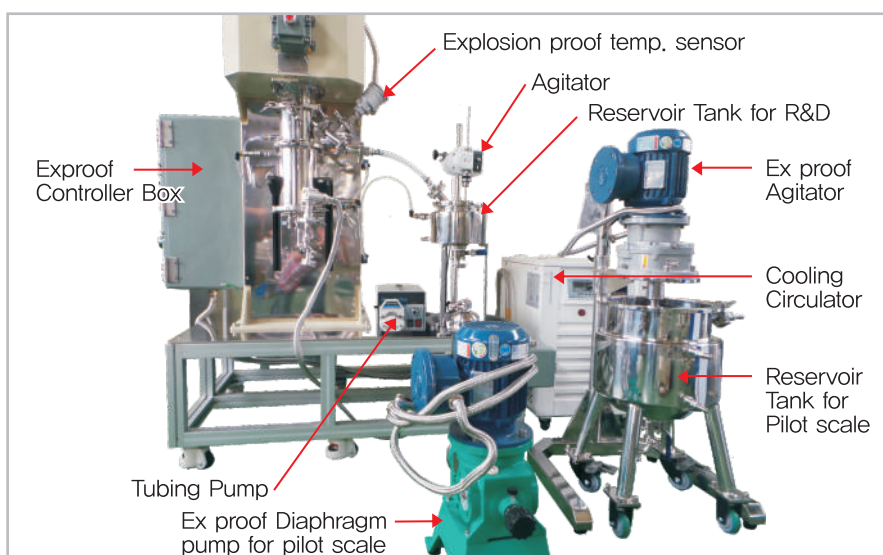


Inside the milling zone

■ The Structure Configuration

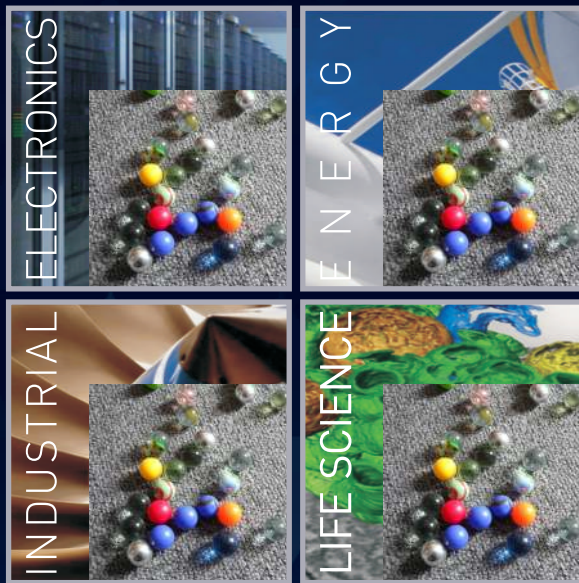


Outside the milling zone



■ Model List

Model	Chamber	Power	Roter RPM	Type & Material	Ball (ZrO ₂)
NBM-1	1 Liter	220 V, 60 Hz, 1.5 kw	Max 5,000	Vertical&Zirconia	Above 0.1mm
NBM-3	3 Liter	220 V, 60 Hz, 2.2 kw	Max 3,000	Vertical&Zirconia	
NBM-5	5 Liter	220 V, 60 Hz, 5.5 kw	Max 2,400	Vertical&Zirconia	
NBM-10	10 Liter	220 V, 60 Hz, 11 kw	Max 1,000	Vertical&Zirconia	
NBM-30	30 Liter	380 V, 60 Hz, 22 kw	Max 800	Vertical&Zirconia	
NBM-50	50 Liter	380 V, 60 Hz, 30 kw	Max 600	Vertical&Zirconia	



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• Distributor