



YES Solutions

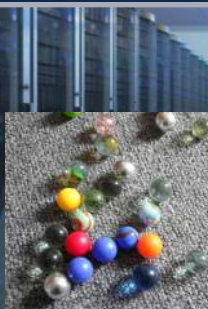
Mixing / Dispersing
Powder Refinement Technology

PLANETARY MIXER



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

ELECTRONICS



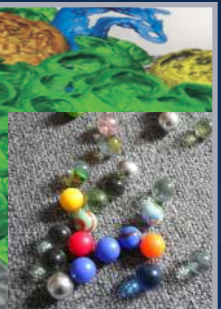
ENERGY



INDUSTRIAL



LIFE SCIENCE



PLANETARY MIXER



SI PLANETARY MIXER is an invaluable multi-purpose mixer for mixing and kneading of solid pigments and liquid materials under the condition of high viscosity.

The rotation of the two blades and one orbital motion can make the perfect mixture through the highly effective function with interval of rotation and detailed clearance between blades and mixing chamber.

■ The Areas of Application

Silver Paste	OLED Paste
LCD Sealant	Ceramic Material
Pharmaceutical/Cosmetics	Glass Powder/Metal Ribbon
Advanced Material for Environment	Solar Cell/Coating

■ Feature Details

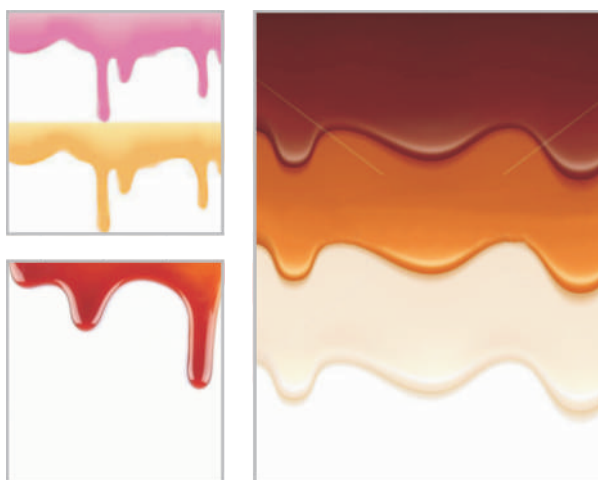
- Wide variety of use from mixing of liquid and dried powder materials for kneading (about 500,000 ~ 1,000,000 cP).
- The vessel can be sealed, allowing for mixing in a vacuum.
- The jacketed vessel is designed to make the samples heating or cooling efficiently.
- Reducing the dead volume and promoting the uniformed process.





Mixing(dispersion) at high speed during kneading for the next generation of products.

The twisted blade that rotates on its axis while orbiting the vessel allows for even temperature of highly viscous material.

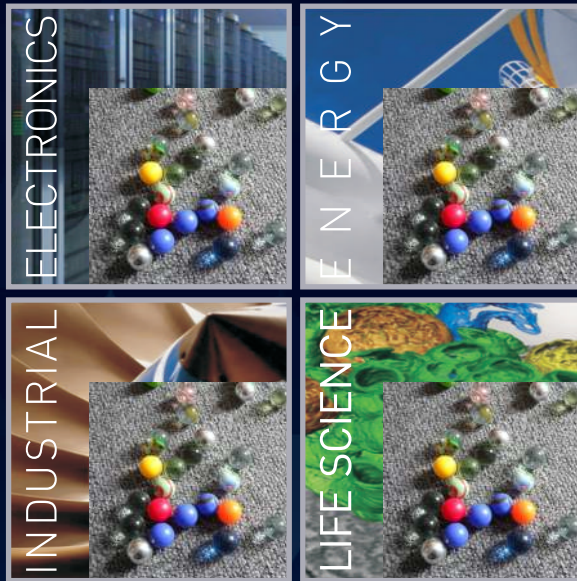


* Perfect mixing method for high viscous materials / Easy to do scaling up

Model list

Model	Vessel Volume	*Max. RPM	Power	Type
KPLM-0.6	0.6 L	2,000 RPM	0.4 kw	Servo Motor
KPLM-1	1 L	2,000 RPM	0.5 kw	Servo Motor
KPLM-3	3 L	2,000 RPM	0.8 kw	Servo Motor
KPLM-5	5 L	1,200 RPM	1.5 kw	Induction
KPLM-20	20 L	1,200 RPM	2.2 kw	Induction
KPLM-30	30 L	1,200 RPM	5.5 kw	Induction
KPLM-50	50 L	1,000 RPM	7.5 kw	Induction
KPLM-100	100 L	1,000 RPM	11 kw	Induction
KPLM-200	200 L	700RPM	22 kw	Induction

* Max. RPM stands for the rpm of rotation and revolution respectively.
Adjustment of each RPM is available with programmable buttons.



YES Solutions

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• Distributor