

颠覆传统搅拌模式 **O** 我们的世界没有不均匀  
Overturn traditional mixing mode *Expert in mixing* There is no unevenness in our world

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# 产品特点 Features

- ▶ 通过自转和公转同时实现均匀搅拌且混合不分层;  
Realize uniform mixing and non-separation of mixing at the same time through rotation and revolution;
- ▶ 利用约400G的强力搅拌，均匀分散且同时除去混合物内部亚微米级的气泡;  
Use intense mixing of about 400G to uniformly scatter and remove the submicron bubbles inside the mixture;
- ▶ 没有螺旋叶片，无须清洗，不会污染材料;  
There is no helical blade, it isn't needed to be cleaned after using, and it will not pollute the materials;
- ▶ 不损伤材料形状（纤维质材料及粉末）;  
It would not damage the shapes of materials (fibrous materials and powders);
- ▶ 产品规格齐全，足以应对从研究开发到生产的各个环节;  
The products have a complete range of specifications, which make them possible to deal with various links from research and development to production;
- ▶ 适用绝大多数材料的混合，尤其对于那些高粘度的材料混合，能大大提高其效率;  
Suitable for the mixing of the vast majority of materials, especially can greatly increase the efficiency of the mixing of the high-viscosity materials.
- ▶ 人机交互模式，使用方便，操作极其简单。  
The equipment is in man-machine interactive mode, convenient to use, quite simple to operate.





## 行星式公转/自转重力搅拌机 Planetary revolution/rotation gravity mixer

**公转功效**——在公转时，物料在料杯内受到离心力的作用，沿矢量方向产生的比重分离运动与材自重所产生的向上推动作用将气泡分离出来。  
Revolving motion—When the materials are revolving in the cup, under centrifugal force, the specific gravity separation movement produced along vector direction and the upward driving force produced by dead-weight of materials will separate the bubbles from the materials.

**自转功效**——公转放入材料容器的同时使其自转，从而使材料本身产生强大的涡流流动性，形成离心矢量合成力的作用，物料与壁面的剪切力以及物料内部分子相互间的产生相互分散效果。

Rotating motion—When the materials are put into container, the revolution will lead to rotation, and the materials themselves will produce strong vortex mobility and form resultant force action of centrifugal force and vector force, the shearing force between materials and cup wall and the friction between molecules inside the materials will produce separating effect

# 机型介绍 Type Profile

## 单杯设备

设备型号 Equipment Type		RM-200S PM-200S VM-200S	RM-300S PM-300S VM-300S	RM-1000S PM-1000S VM-1000S	RM-2000S PM-2000S VM-2000S	RM-5000S PM-5000S VM-5000S
标准容器 Standard container		150ml HDPE	200ml HDPE	600ml HDPE	1000ml HDPE	2000ml HDPE
最大处理量 Maximum operational capacity		200g	300g	1000g	2000g	5000g
公转 Revolution		无级调速, 根据用户实际需求任意输入, 精度1rpm				
自转 Rotation		无级调速, 按照1%~100%比值任意输入, 精度1% (RM-VM固定)				
真空度 Vacuum		31mba~1标准大气压; 智能监测补偿, 参数可设定, 精度0.5KPa (仅VM型)				
设定时间 Setting time		1~1800S (共三个步骤), 精度1S				
参数存储量 Storage content of parameters		20组				
报警装置 Warning device		对不平衡、上盖没关、产品装载超重进行检测				
安全保护 Security protection		发生故障时自动停止、运转时上盖施锁、上盖打开时则停止工作				
适用温湿度 Applicable temperature and humidity		10~40℃、20~80%RH (没有浓雾状湿气, 即可)				
平衡调节 Balance adjustment		无级平衡调节				
电压 Voltage		AC220V±10%				
功率 Power	RM/PM	500W	600W	700W	1000W	1500W
	VM	800W	900W	1000W	1500W	2000W
外形尺寸 External dimensions	RM/PM	472×380×476	520×430×560	560×470×600	620×530×650	680×600×700
	VM	631×380×535	680×430×620	720×470×660	900×530×750	860×600×800
主机重量 Weight of principal machine	RM/PM	46Kg	53Kg	56Kg	65Kg	79Kg
	VM	80Kg	87Kg	90Kg	100Kg	120Kg

## Notes:

1. Supply with revolution & rotation series mixers and vacuum series mixers;
2. Can be designed according to actual requirements of customers;
3. The product specifications and relevant parameters are subject to changes without prior notice.

# 搅拌效果 Mixing Effect

Comparison of the mixing of

**金属浆料搅拌对比 Powdered metal material**



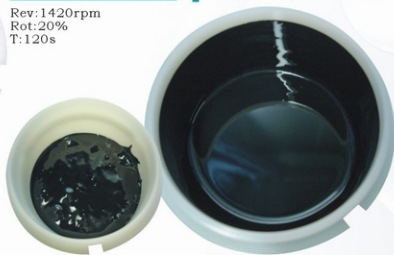
Comparison of the mixing of

**特种粘合剂搅拌对比 special adhesives**

Rev:1420rpm

Rot:20%

T:120s



Comparison of the mixing of

**电阻浆料搅拌对比 electric resistance sizing agent**

Rev:1420rpm

Rot:80%

T:160s

