



## *KPZ Series Vacuum Emulsifier Homogenizer 5-2000 L mixing of high-viscosity products*



Hygienic fine polishing inside and outside the cylinder, the entire emulsification process is carried out in a completely sealed state, effectively preventing dust and microbial contamination. Vacuum homogenization emulsifying machine is a special equipment for producing medicinal ointment, high quality cream, lotion and other products. The maximum viscosity of the produced material can reach 100,000 cP, and the cut thickness is 0.2-5 microns.

- Self-developed homogenization technology, double mixing, stepless variable frequency speed;
- The material contact parts of the tank body are made of high quality SUS316L stainless steel, and the mirror surface is polished in accordance with GMP standards;
- Adopts PLC intelligent control, which allows you to configure control authority, audit monitoring, remote control, remote data control and other functions;
- Water ring vacuum pump, anti-suction pipeline design, the vacuum degree can reach - 0.093MPa;
- With heating and cooling functions, precise PID temperature control, no delay and buffer;
- Elliptical head production according to national standard, three-layer tank design;
- Equipped with guide belt, heating and cooling are efficient and the temperature is uniform.

## Technical Parameters:

Model	KPZ-100	KPZ-200	KPZ-500	KPZ-800
Displacement (L)	100	200	500	800
Pig Rate (RPM)	0~86	0~86	0~62	0~62
Main pot thickness (mm)	4*3*3	5*4*3	6*5*3	6*5*3
Scraper mixing power (KW)	1.1	2.2	4	5.5
Homogenizer power (mm)	3	4	11	15
Load capacity(mm)	1.5 hydraulic pressure			
Homogenizer rotation speed (RPM)	0~2850	100~2950	100~2950	100~2950
Sealing method	Skeletal seal ; Mechanical seal			
Water tank capacity (L)	60	120	320	480
Water pot Thickness of water pot (mm)	3*3	3*3	4*3	5*4*3
Water Pot Dispersion Speed (RPM)	1400			
Water Pot Dispersing Power (KW)	0.55	0.75	1.1	1.5
Oil tank capacity (L)	40	80	210	320
Oil pot Thickness of oil pot (mm)	3*3	3*3	4*3*3	5*4*3
Butter Churn Dispersion Speed (RPM)	1400			
Churn Dispersing Power (KW)	0.55	0.55	1.1	1.5
Overall dimensions (LxWxD) (MM)	1800*700*2230	2250*2940*2485	2600*3600*2980	2530*3490*3060