

Danrel Co., Limited

VME-5L High Pressure Vacuum Emulsifying Homogenizer



The machine is featured by simple operation, stable performance, good homogenizing performance, high production efficiency, convenient cleaning, reasonable structure, small land area and high automatic degree etc.

Applications:

It is suitable for production of ointment and cream products in cosmetic and pharmaceutical plants. The emulsifying effect is more prominent for materials of high base viscosity and high solid content.

Daily chemical and cosmetics industry

Baby cream, shaving cream, cream shampoo, toothpaste, cold cream, sunscreen cream, face cleanser, moisture cream, detergent, shampoo...

Pharmacy industry

Emulsion, emulsifier, ointment, syrup....

Food industry

Sauce, cheese, oral syrup, nutrient solution, infant food, chocolate, saccharine.....

Chemical industry

Latex, saponification, paint, resin, adhesives, lubricating agent....

Features:

1. Material contact part all use SUS316L, completely Meet GMP
2. Using Japan NSK bearings
3. Siemens Inverter, power-saving, machine-protect, keeping the machine working stably

4. Burgmann mechanical seal, seal good, long working life, keep the homogenizer work 24 hours continually.
5. Slow stirring axle adopts 2 sets of mechanical seal and 2 sets frame oil seal, make the seal saver.
6. Stirring scrap and middle stirring rotating the opposite direction make the mixing more equally
7. Safety protecting functions, make the produce saver
8. Install a fall buffer unit on the hydro-cylinder in the hydraulic system; keep the cover up and down stable.

Details:

Working Volume	Total Capacity:8L Working Capacity :5L	Loading Coefficient 0.8
Material of the Tank	Inner Layer :SUS 316L, 3MM Ra <0.8um	
	Outer Layer :SUS 304, 2.5mm	SGS certificated
All contact part of material	SUS 316L , Ra <0.8um	
Agitator Speed	0.2KW ,Speed 0-63rpm adjustable by inverter	ABB motor, Mitsubishi Converter
Homogeneous Way	Bottom Homogenizer	SUS316L
Homogeneous coefficient	0.37 KW,speed 0-3600R/M	ABB motor, Mitsubishi Converter
Processing	Rotor and Stator in Wire cutting, assembled after polishing	Balance process axle
Cover	Material filter, Vacuum Pressure meter, Vacuum Exhaust Valve, Vacuum Port, sight glass light, Vision window, inlet, sight glass with wiper and bulb, rotary CIP heads, hopper; Vacuum water pump unit;	Required GMP Type
Vacuum Pump Type	0.25 Oil Type	
Heating	3 KW Electrical Heating	
Vacuum degree	-0.09--0.02Mpa	
Vacuum break	Via GMP filter	
sealing	Adopting "BURGMANN" Machinery Seal, Japan NSK Rolling Bearing;	
polishing	In&outside hygiene grades, conforming GMP standard	S320U