



Vacuum Homogenizing Mixer TCEM-series



High shearing vacuum homogenizing mixer is mainly applied in such industries as daily chemical care products, bio-pharmaceutical industry, food industry, paint and ink, nanometer materials, petrochemical industry, printing and dyeing auxiliaries, pulp & paper, pesticide, fertilizer, plastic & rubber, electrics and electronics, fine chemical industry, etc. The emulsifying effect is more prominent for materials of high base viscosity and high solid content.

Description

1: The vacuum emulsifiers produced by our company include many varieties. The homogenizing systems include upper homogenization, lower homogenization, internal and external circulating homogenization. The mixing systems include single-way mixing, double-way mixing and helical ribbon mixing. The lifting systems include single -cylinder lifting and double-cylinder lifting. Various high quality products can be customized according to customer's requirements.

2: The vacuum deforming can make the materials meet the requirement of being aseptic. The vacuum material sucking is adopted, and especially for the powder materials, vacuum sucking can avoid dust.

3: The triple mixing adopts the imported frequency converter for speed adjustment, which can meet different technological demands

4: The homogenizing structure made through German technology adopts the imported double-end mechanical seal effect. The maximum emulsifying rotation speed can reach 4,200rpm and highest shearing fineness can reach 0.2-5 μ m.

5: The emulsifying pot lid can adopt lifting system, easy to clean and the cleaning effect is more obvious, the emulsifying pot can adopt tilt discharge.

6: The pot body is welded by imported three-layer stainless steel plate. The tank body and pipes adopt mirror polishing, which fully meet the international standards.

Products Parameters

Vacuum emulsifier mixer, homogenize for cosmetic, high viscosity liquid mixer means the material in a vacuum state, the use of high-shear emulsifier efficient, rapid and evenly distributed one phase or multiple phase to another phase, and each phase under normal circumstances (such as oil and water phase) are mutually exclusive.

Model	Design	Work	Heating Method	Oil & Water Phase Tank	Application
	Volume	Volume			
TCEM-10L	15L	10L	electric or steam	with or without	1. Daily Chemical & Cosmetics Industry:
TCEM-20L	24L	20L	optional	optional	such as baby cream, skin cream face cream, shaving cream, shaving cream, cream shampoo, toothpaste, cold cream, sunscreen cream, face cleanser, moisture cream, detergent, shampoo etc;
TCEM-30L	36L	30L			2. Food Industry:
TCEM-50L	60L	50L			Sauce, cheese, oral, nutrition, infant food, chocolate, sugar and so on., tomato paste etc;
TCEM-100L	120L	100L			3. Pharmacy Industry:
TCEM-200L	240L	200L			Latex, emulsions, salves (ointments), oral syrup, liquid. etc;
TCEM-300L	360L	300L			4. Chemical Industry:
TCEM-500L	600L	500L			Latex, sauce, saponification products, paints, coatings, resins, adhesives, lubricants and the like.