

HIGH SPEED HOMOGENIZERS & DISPERSERS



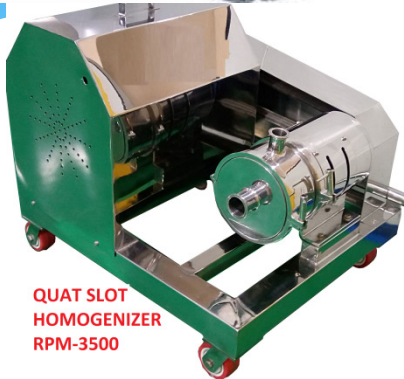
**TOP ENTRY
DISPERSION
HOMOGENIZER**



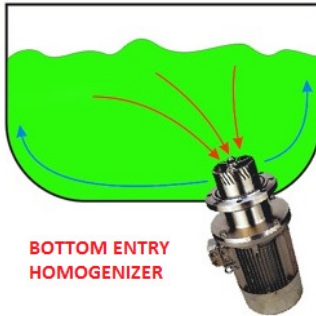
**INLINE
HOMOGENIZER**



**INLINE HOMOGENIZER
WITH RECIRCULATION**



**QUAT SLOT
HOMOGENIZER
RPM-3500**



**BOTTOM ENTRY
HOMOGENIZER**



**INLINE POWDER
DISPERSION
HOMOGENIZER**

WORKING PRINCIPLE :

The rotor is driven motor and rotates at the speed of 3000rpm causing strong centrifugal force. The product is sucked from top of the rotor into the high shear zone.

The strong centrifugal force drives the product to the narrow gap between the rotor and stator. The product is pressed and crushed by the centrifugal force and then got dispersed, homogenized and emulsified preliminary.

SALIENT FEATURE:

Complete process of dispersing, high shearing, emulsifying and homogenizing

Working capacity from 1/2 Hp to 50Hp

Suitable for cream and emulsions of 20,000~80,000cps viscosity

Suitable for batch process with high efficiency

Work with different mixing tanks

All contact parts are made of SS304/316L and mirror polished

The specifications of the bottom entry batch homogenizer comply with cGMP regulations

Power supply of 415 V, 50Hz, 3 Phase

APPLICATION:

Installation covers a broad range of applications including **Emulsification, Disintegration, Dissolution, Dispersion, And Homogenization.**

Creams, Ointments and Lotions, Tooth Paste ,Inks and Lacquers ,Essences, Spice, Dressings, Sauces, spreads, Jams, Fruit, Coatings, Seeds



Face Cream



Hand Cream



Facial Mask



Foundation



Whitening



Sun Screen



Automation moving towards technology

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