

此設備為本公司獨特研發之產品，依客戶原料之特性，設計專用之乳化器，可依用途選配，使其達到更高之效率需求。本結構較適用於高黏度原料研磨乳化，如膠體、霜體、果肉、細纖維類之產品研磨乳化。接觸原料材質採用符合食品製藥等級之SUS304不鏽鋼材，並可依需求選用更高之SUS316L耐酸鹼材料。

This equipment is a product which unique innovated by JIA WEY company, it is as per specific character of customer's raw material to design such special purpose emulsifying machine, it is custom-made equipment according to application, in order to meet more higher efficiency requirement. The structure of this machine is applicable for high viscosity raw material grinding emulsifying, such as colloid, cream, fruit flesh, thin fiber type product grinding emulsifying. The parts of machine touched raw material are made from SUS304 stainless steel which meets standard grade of food pharmaceutical industry, it is also available for more higher grade SUS316L material to meet demand of acid alkaline resistance.

【M】型乳化器之原理特性：

M型乳化器為非接觸性運動結構設計，乳化器由盤面中心做溝槽式交叉溝型往外延伸，溝深由深變淺，盤面外層由細密之花格做研磨作用。轉定子分別作左右向斜角度引流，盤面間約0.5mm間隙，原料由深溝槽高速竄流出時產生強大壓力，由盤端之細花格研磨處理。

Theory Feature of M Type Emulsifying Machine

M Type Emulsifying Machine is based on non-contact motion structure design, plate center of emulsifying machine is with groove type interlace ditch extended outward, the groove depth from deep to shallow, outer layer of plate with fine dense lattice pattern as grinding function. The rotor stator with left right direction oblique angle to lead flow individually, the gap between two plates are about 0.5mm, there are strong pressure produced when raw material comes from deep groove in high speed, grinding treatment will be made by fine lattice on surface of the plate.



▲ M型定子 M type Stator

▲ M型轉子 M type Rotor

【M】型乳化器結構 M type Emulsifying machine Structure

- ① 循環液入口 Circulating liquid inlet
- ② 循環液出口 Circulating liquid outlet
- ③ 乳化機殼 Housing of emulsifying machine
- ④ M型定子 M type stator
- ⑤ M型轉子 M type rotor
- ⑥ 離心葉輪 Centrifugal blade wheel
- ⑦ 機械軸封系統 Mechanical oil seal system
- ⑧ 自潤冷卻水箱 Self-lubricating cooling water tank
- ⑨ 傳動機架 Transmission machine frame
- ⑩ 聯軸器防護罩 Coupler guard
- ⑪ 馬達 Motor
- ⑫ 底座 Mounting base

