



HOM-010

### HOM-010/010M/020, HomoMixers - Emulsion Mixer

#### Applications:

The emulsion mixer makes use of flowing molecule to pressurize, accelerate, destroy and strike samples. Through these interaction, the sample would be dispersed and become tiny and blender. It is suitable for emulsifying food, paint & chemicals, such as dairy, juice, vinegar, fat, molasses and so on.

It can assure not only the emulsification quality but also good efficiency.

No precipitation and separation of phases are strong features of these models. Is ideal for all laboratory work, research and development, QA analysis and small scale production in all industries.

Is suitable for the widest range of applications – mixing, emulsifying, homogenizing, disintegrating and dissolving – with high efficiency and flexibility.

**Features:** Spring elevator pole easy positioning with

- Speed change Stepless, torque increase automatically with a constant speed
- Overheat and fuse safety device
- Impeller made by stainless steel SUS 316 material
- Outline paint is in medicine-resisting coating & make no pollution
- Change in speed stepless & stable speed
- HOM-010 with LED display speed
- HOM-010M with LED timer (0-99 h)( 59 min) speed & time display.



HOM-010M

Model	HOM-010	HOM-010M	HOM-020
Motor	DC 220W		DC 350W
Speed (rpm)	0 ~ 12,000	1,000 ~ 12,000	0 ~ 7000
Max. torque (kg-cm)			5.4
Capacity (L)	0.1 ~ 2		1 ~ 20
Body size (mm)	W145xD285xH210		W145xD285xH250
Stand base size(mm)	W370xD270xH500		W399xD376xH840
Timer	-	(0-99hour)(99min)	
Net weight (kg)	10		18
Power	AC110/220V, 50/60Hz, single phase		AC110/220V,50/60Hz

### HOM-010V, Vacuum Emulsion Mixer

The MRC system is a modular designed miniplant reactor system, planned and designed to simulate and optimize chemical reaction processes as well as mixing, dispersion and homogenization processes at a model scale with a maximum volume of 2000 ml. The medium in the reactor vessel can be heated up to 100 °C. Vacuum operation is possible up to 26 mbar.

- Chemical resistant, stainless steel chuck and stirring shaft
- Small motor with high torque provides a quiet & vibrationless operation
- Stable rotational speed
- Widely used in vacuum emulsion preparation.



HOM-010V

Model	HOM-010V
Mixer motor	DC 220W
Speed (rpm)	0~12000
Stirring capacity (L)	0.1~2
Water bath temp.	RT~100°C
Water bath capacity (L)	10
Heater	600W
Vacuum pump motor	250W
Pressure	-740mm-Hg
Pumping speed (L/min)	60
Power	AC110/220V, 50/60Hz