

PRODUCT: HIGH PRESSURE HOMOGENIZER

DESCRIPTION: Manual homogenizer is a kind of versatile equipment which can make liquid substance into high-pressing spray or homogeneous thinning. It is usually used in the production of dairy products such as milk, yogurt, ice cream, beverages such as juice, soy milk, peanut milk.



(1)Liquid solidification(powder) homogeneous substance into steady dispersed liquid(homogeneous fluid),which is applicable to drink&food industry ,such as ice cream ,dairy products ,catchup,jam, cocoa,coffee, juice tea, vegetable proteins drink,soft drinks, chocolate milk, natural food color and essence soy milk powder.

(2)Apply for cosmetic, facial washing milk, lipstick, skin cream, hair-tonic, perfume, shampoo, hair permanent water and so on.

(3)To smash the biology cells or new products, and the emulsification made from liquid-liquid homogeneous oli or water applying for the biotechnology : barm and other fungoids or apply for smashing alga cellulars and so on.

(4)Apply for the mainline liquid of pharmacy, oral liquid, ointment, tablet, fat milk and so on.

Working principle of manual homogenizer : pressure through an adjustable current-limiting gap process, the formation of loss of pressure expansion, explosion, shear, combined effect of high-speed collision, the particles and liquid droplets shatter into very small size, while creating an ideal solution or dispersion of emulsion. Product stability, consistency, mixed, and easy absorption, nutritional value, shelf life, flavor, color, security activities are realized in the homogeneous process. Widely used in food, dairy, beverage, pharmaceutical, fine chemicals and bio-technology and other fields of production, scientific research and technological development

Feature:

Capacity: 500-15000L/h

Pressure: 25-150Mpa

Parameter:

Description	Model	Rated flow (l/h)	Rated pressure (Mpa)	Max Working pressure (MPa)	Weight (kg)	Size (cm)	Power (Kw)
Manual homogenizer	W-VE360-500-25	500	25	0-20	520	105X65X110	5.5
	W-VE360-1000-25	1000	25	0-20	540	105X65X110	7.5
	W-VE360-1500-25	1500	25	0-20	560	105X65X110	11
	W-VE360-1000-30	1000	30	0-24	560	105X65X110	11
	W-VE360-200-80	200	25	20	620	105X65X120	5.5
	W-VE360-300-40	300	40	32	620	105X65X120	5.5
	W-VE360-300-60	300	60	48	620	105X65X120	7.5



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	300-60						
	W-VE360-300-80	300	80	64	620	105X65X120	11
	W-VE360-500-40	500	40	32	620	105X65X120	7.5
	W-VE360-500-60	500	60	48	620	105X65X120	11
	W-VE360-500-150	500	150	120	1150	120x105x140	30
	W-VE360-2000-25	2000	25	20	1150	120x105x140	15
	W-VE360-2500-25	2500	25	0~20	1250	130x106x145	18.5
	W-VE360-3000-25	3000	25	0~20	1350	130x110x145	22
	W-VE360-4000-25	4000	25	0~20	1400	130x125x150	30/37
	W-VE360-2000-30	2000	30	0~24	1350	130x125x145	22
	W-VE360-3000-30	3000	30	0-24	1400	130X125X150	30
	W-VE360-1000-40	1000	40	0~32	1200	120x105x140	15
	W-VE360-1500-40	1500	40	0~32	1350	130x120x145	22
	W-VE360-2000-40	2000	40	0~32	1400	130x120x145	30
	W-VE360-1000-60	1000	60	0~48	1350	130x120x145	22



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	W-VE360-1000-80	1000	80	0~64	1500	130x125x150	30
	W-VE360-2000-60	2000	60	0-48	2000	140x110x150	45
	W-VE360-5000-25	5000	25	0-20	2000	140x110x150	45
	W-VE360-3000-40	3000	40	0-32	2000	140x110x150	45
	W-VE360-5000-30	5000	30	0-24	2000	140x110x150	45
	W-VE360-1000-100	1000	100	0-75	2000	140x110x150	37
	W-VE360-1500-80	1500	80	0-64	2450	140x110x150	45
	W-VE360-4000-40	4000	40	0-32	2500	155X123X165	55
	W-VE360-5000-40	5000	40	0-32	2600	155X123X165	65
	W-VE360-6000-25	6000	25	0-20	2450	155X123X165	55
	W-VE360-7000-25	7000	25	0-20	2550	155X123X165	65
	W-VE360-3000-60	3000	60	0-48	2850	155X123X165	65
	W-VE360-4000-60	4000	60	0-48	2850	155X123X165	65
	W-VE360-2000-80	2000	80	0-64	3800	155X123X165	55
	W-VE360-3000	3000	80	0-64	3800	158X130X165	75

	3000-80						
	W-VE360- 8000-25	8000	25	0-20	2550	155X123X165	65
	W-VE360- 10000-25	10000	25	0-20	3500	158X130X165	75
	W-VE360- 1500-100	1500	100	0-75	2000	155X123X165	55
	W-VE360- 2500-100	2500	100	0-75	3800	158X130X165	75

The machines are made strictly follow the standard of QB/1700-2001 of PRC's light department, and also according to the international quality system authentication ISO9001:2000. the followings are the information of the materials:

The gasket of the plunger pistons: made by fluoroelastomer

Valve and valve seat: made up by special stainless steel and alloy steel, acid and alkali resistance.

Homogeneous rod and homogenous seat: made of special alloy , both sides can be used for a long time, and there functions do not change ever repaired.

The supply also includes one case of spare parts:

one set of sealing rings

one set of special tools

one set of spanner

Note: the spare parts are free

1.Application:

High pressure homogenizer is a kind of versatile equipment which can make liquid substance into homogeneous thin.

1. Apply for drink and food industry such as milk, yogurt, ice cream, ketchup and so on.
2. Apply for cosmetic, lipstick, skin cream, shampoo and so on.
3. Apply for medicine, dye, additives, grease.



3. Diagram and pictures

