

## Laboratory High Shear Homogenizer



ESR-500X Laboratory High shear homogenizer mixer adopt most advanced technology for rotor and stator precise positioning, which is the core technology for emulsifying effect. The whole machine system adopt electrical lift style, frequency converter speed adjusting system, easy to operation and maintenance. The bi-direction material absorption system make the best homogenizing effect. This model is widely used in small scale material test, cream, ointments, sauce, flavoring emulsions and pharmaceutic products etc.

### Specification

Model	ESR-500X Lab High Shear Homogenizer
Power Supply	220v, 50Hz(can be customized)
Power	500W,50Hz
Rotation Speed	0-12000rpm
Process Capacity	300-8000mL
Control	stepless speed control, with digital display, can work longtime
Lift	Manu lift
Material	the part contact with the material is SUS304,SUS316L

Falsework	stainless steel, carbon steel
Dimention	28*36*73cm
Weight	18kgs
Package	Carton
Application	To disperse,emulsify and homogenize slight materials.Widely used in the lab to do the experimentation,produce the model,and develope new product.

## Machine details



## Advantages

The noise is low, the efficiency is high, running smoothly without a blind spot, 100% through the working cavity. It is portable, suitable for laboratory use, which a better emulsification effects.

## Application

Biology, pharmacy, food, ink, textile auxiliary, cosmetic lubricating oil and fertilizer etc. solution, gel, suspension or emulsion Juice, soup bases, milk production, mayonnaise, tissue homogenate, shampoo, lotion, emulsion, surfactants, asphalt, oil field chemicals, lubricant, etc.

## Data Sheet & Models

Model	Power /KW	suggested capacity/ml	Rotation/rpm	Dimension	Material
ESR-500X	500	300-8000	200-12000	28*36*73	SUS304/316L

## Professional technical supports & Processing Machines

Our engineers are around 20years rich experience in this area, professional skills and stable processing.

## Maintenance & Services

1.Before order, customer can take materials to ourvlab and make test grindings, spot-testing parameters like particle size distribution, obtain reliable data for model selection;

2. With three years of spare parts inventory to ensure normal use and make you to be in trouble free;
3. Within 12-months warranty period, we promise to change damaged parts free of charge by air or by sea;