

## Homogenizer

### Introduction:

Homogenizer can be used in bio-pharmaceuticals, genetic research, tissue destruction, fragmentation, cytoplasmization, pathological analysis, nano-material dispersion, polymerization, ink coatings, fine chemicals, pesticides, prospecting, environmental protection, energy and other fields.

### Features:

- \* Lightweight design, handheld and can be operated with one hand.
- \* The application of different dispersing heads is suitable for liquid samples of 0.2~30000ml.
- \* High-quality 316L stainless steel dispersing head, corrosion-resistant, high-temperature sterilization.
- \* The dispersing head is easy to disassemble and clean; high-speed and high-efficiency motor.



### Technical Parameters:

Model	BH-50P
Speed Range	7000~30000rpm
Processing Volume	0.2~40000ml
Standard Accessories	Work stand, standard work head(18G/18F/20G/20F/25G/25F/30G/30F choose any one)
Consumption	1300W
Power Supply	AC220V±10%, 50/60Hz(Standard); AC110V±10%, 50/60Hz(Optional, external transformer)
External Size(W*D*H)	320*210*680mm
Package Size(W*D*H)	650*360*180mm
Net/Gross Weight	9.5kg/10kg

### Optional Working Head:

Model	Processing Volume	Applicable Viscosity
6G	0.2~10ml	<100CP
8G	10~60ml	<100CP
10G	30~150ml	<200CP Vacuum Blade Head
18G	30~1500ml	<5000CP
18F	30~1500ml	<5000CP
20F	50~3000ml	<5000CP Vacuum Blade Head
25G	100~7000ml	<8000CP
25F	100~7000ml	<8000CP
25T	100~5000ml	<8000CP Vacuum Blade Head
20DG	50~3000ml	<5000CP Vacuum Blade Head
20DF	50~3000ml	<3000CP Vacuum Blade Head
25DG	100~5000ml	<5000CP Vacuum Blade Head
25DF	100~5000ml	<3000CP Vacuum Blade Head
25J-Q	200~10000ml	<10000CP Vacuum Blade Head
30G	1000~40000ml	<10000CP
30F	200~10000ml	<10000CP
30DG	150~10000ml	<10000CP Vacuum Blade Head
30DF	150~10000ml	<10000CP Vacuum Blade Head
30J-Q	1000~40000ml	<10000CP
30J-X	1000~40000ml	<10000CP

## Homogenizer

### Introduction:

BK-H6B type is suitable for mixing, emulsification and homogenization of liquid and liquid; dispersion of liquid and solid powder; It can be used in pharmaceutical, biochemical, food, nanomaterials, coatings, adhesives, daily chemicals, printing and dyeing, petrochemicals, papermaking chemistry, polyurethane, inorganic salts, asphalt, silicone, pesticides, water treatment, heavy oil emulsification, Diesel emulsification, electronics, batteries and other industries are also ideal products for factories, scientific research institutions, colleges and universities, medical units, etc. for scientific research, product development, quality control and application in the production process.



### Feature:

- \* One-handed control, user-friendly operation, super power, better experimental effect.
- \* Double insulation protection to ensure safety.
- \* All parts of the working head contacting the material are made of high-quality stainless steel, with good corrosion resistance.
- \* The working head is connected with the drive motor by a coupling, which is easy and flexible to disassemble.
- \* Stepless speed controller, convenient speed regulation and stable operation.

### Technical Parameters:

Model	BK-H6B
Speed Range	1000-32000r/min
Working Volume	0.2-150ml(H <sub>2</sub> O)
Standard Dispersing Shaft	10G
Max. Viscosity	2000mpas
Consumption	120W
Speed Control	6 stage
Material Of Dispersing Shaft	SS316L & PTFE
Process Type	Micro batch processing
Power Supply	AC220V, 50/60Hz(Standard); AC110V, 50/60Hz(Optional, external transformer)
Relative Humidity	80%
Standard Stand	Single column stand
Net Weight	3.1kg
Package Size(W*D*H)	650*460*380mm
Gross Weight	7kg

### Dispersing Shaft:

Type	Working Volume(ml)	Viscosity(cp)	Speed(m/s)	Length(m/s)	Diameter(m/m)
6G	0.2-50	100	5	130	6
8G	10-60	500	8	150	8
10G	30-150	2000	10	185	10
6G-ST	0.2-50	100	5	125	6
8G-ST	10-60	500	8	150	8
10G-ST	30-150	2000	10	185	10