

# Homogenizer



## Application

The laboratory homogenizer is a mechanical device designed for sample homogenization and emulsification. It can be equipped with a variety of working heads of different specifications to quickly achieve sample dispersion, homogenization, emulsification, suspension, and stirring. The brushless DC motor greatly reduces the working noise of the instrument and equipment, and can work for a long time. At the same time, it provides a carbon powder-free environment to ensure the risk of carbon powder contamination of the sample.

Homogenizer

## Advantage

- A variety of working heads of different specifications meet the processing volume of 0.2~10000mL and are suitable for different sample processing requirements.
- Stepless speed regulation function, the maximum speed can reach 30000rpm, the acceleration speed control is stable, and the basic model has 1~6 gears with adjustable speed.
- The whole machine has a compact structure design and exquisite shape, providing a linear speed of 27m2/s for sample homogenization.
- The two-way support rod design combined with the double-hole fixed clamp forms an integrated lifting and adjustment system to make your experiment more reliable and safer.

## Specification

Model	HMG-25
Motor type	DC brushless motor
Speed range (no load) (rpm)	7500~30000
Speed range (water load) (rpm)	7500~26000
Processing capacity (ML)	0.2~10000
Rated input power (W)	1500
Rated output power (W)	1250
Maximum input power (W)	2300
Maximum output power (W)	1700
Host instrument size (mm)	410×φ90
Host packaging size (mm)	470×340×205
Host N.W./G.W.(kg)	2.6/3
Set	Host + cutter head + tablet bracket
Set size (mm)	200×315×780
Set packaging size (mm)	803×400×140
Set N.W./G.W. (kg)	7/8

