

## Digital 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.

### 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.
- Digital display type, the speed can be set arbitrarily from 4000 to 26000 rpm, with a timing function of 0~999min, and the instrument automatically stops after the operation.
- The whole machine has a compact structure design and exquisite shape, providing a linear speed of 27m/s for sample homogenization.
- The two-way support rod design combined with the double-hole fixing clamp forms an integrated lifting and adjustment system to make your experiment more reliable and safer.
- It can be matched with a temperature sensor to measure the sample temperature in real time. When it reaches the set value, it will automatically stop running to better protect the sample and make the experiment safe and secure.

### Specification

Model	HMG-D25
Motor type	DC brushless motor
Speed accuracyrpm	±100
Speed display	LCD
Speed regulation method	Knob adjustment
Timing range(min)	0~999
Time display	LCD
Temperature measurement range(℃)	-10~199
Speed range (no load) (rpm)	4000~26000
Speed range (water load) (rpm)	4000~26000
Processing capacity (ML)	0.2~10000
Rated input power (W)	1050
Rated output power (W)	750
Maximum input power (W)	1350
Maximum output power (W)	1050
Host instrument size (mm)	365×φ90
Host packaging size (mm)	470×340×205
Host N.W./G.W. (KG)	2.5/2.9
Set	Host + cutter head + tablet bracket
Set size (mm)	200×315×780
Set packaging size (mm)	810×410×150
Set N.W./G.W. (KG)	6.5/13

