



HOG-010



HOG-020+STAND

**Features:**

- Unique ergonomic and user friendly design.
- Hand held and bench top use (HOG-020).
- For small & medium sizes applications in the range of approximately 0.3ml up to 3000ml.
- Samples can optimally be homogenized, dispersed and mixed with the four available and exchangeable dispersing generators.
- 250 Watt powerful motor.
- Rotor speed range up to 26000rpm (HOG-020).
- Top speed up to approximately 12 m/s.
- Integrated electronic speed regulation/stabilization with control knob and speed digital display (HOG-020D, HOG-010).
- Soft start.
- Quick coupling for dispersing generators.
- 4 Different exchangeable dispersing generators in easy clean design.
- Universal plate stand.
- Sample volumes 0.3ml-3000ml.
- Dispersing, homogenizing, extractions, cell disruption, mixing, suspending.
- Various container can be used.
- The impeller can be separated completely and it is easy to clean and be sterilized.
- Spring hoisted for easy operation (HOG-010).
- Over current, overheat, protection, and fuse safety device.

**Applications:**

- It can be widely used in dispersing various kinds of materials.
- It can also apply to the biology and medical research for skin tissue, cells and so on.
- Fibers, papers, cloth, cosmetic, dye & ink can be applied.
- Water and oil mixing and emulsifying.
- Digital speed meter display.
- Spring elevator for easy positioning the pole.
- With an overheat protection and fuse safety device.



HOG-020 HAND HELD

Model	HOG-020	HOG-020D	HOG-010
Digital	NO	YES	YES
Motor	DC 250W		
Speed (rpm)	26,000		20,000
Size (mm)	W200xD315xH500		W310xD270xH690
Weight (kg)	7		10
Power	AC110/220V, 50/60Hz		

	Model	Capacity(ml)	Dimension(mm)	Application
	GEN-0010	0.3~10	Ø7x130	To homogenized and mix cell tissue in small amount
	GEN-0250	2~250	Ø12x170	To disperse plant and animal tissue, To dispose suspensions and emulsions for homogenizing, mixing and extraction
	GEN-2000	2~2000	Ø20x200	To disperse plant and animal tissue, To dispose suspensions and emulsions for homogenizing, mixing and extraction
	GEN-3000	100~3000	Ø30x250	To disperse organic and inorganic matters for homogenizing, mixing and extraction

# H Homogenizers

## HOG-08/09/10, Homogenizers Spin-Mix

Homogenizer can be widely used in mixing and dispersing, emulsifying for Medicine, foods, Cosmetics, Industrial products.



**HOG-08**

**HOG-09**

**HOG-011**

### Features:

There are many uses for homogenizer as following different fields:

- Chemical: Dyestuff, pigment, additive .. etc.
- Medical: Biochemistry, virus, bacteria, yeast .. etc.
- Pharmacy: Medicine test, vakzin, syrup .. etc.
- Food: Trial, study check.
- Others: Magneted chemical tape analysis, silicone .. etc.

### Optional Tank Sets:



**COTR-100**  
30~100ml



**COTR-200**  
60~200ml



**COTR-500**  
100~500ml



**COTR-1000**  
500~1000ml

Model	HOG-08	HOG-09	HOG-011
Motor	100W	250W	150W High Frequency Motor
Max. Rotational Speed	18,000rpm	15,000rpm	18,000rpm
Capacity	30~1,000ml	30~1,000ml	30~1,000ml
Timer	15 min or Continuous running	15 min or Continuous running	1~60min or Continuous running
Dimensions(mm)	W250×D250×H396	W250×D250×H396	W250×D250×H413
Weight	6kg	8kg	8kg
Control System	Thyristor Control System	Thyristor Control System	Inverter Control System
Power Source	AC100V 50/60Hz 3A	AC100V 50/60Hz 6A	AC100V 50/60Hz 5A