

## RDBL-MT-30K HAND HELD HOMOGENIZER



### OVERVIEW :-

The homogenizer HBSMT 30K is smart hand held instrument for fast organization homogeneous, separation and emulsification. With different dispersing heads, it is appropriate for 0.5~250ml liquid



sample, maximum speed is up to 35000rpm. Its working principle is making the sample circularly loop into a narrow space between the high speed and relative motion stator to shear and break the sample. E.g. tissue such as muscle, liver, breast, etc. can be completely homogenization in 10~30 seconds. It is applied in various territories such as bio-pharmaceuticals, gene research, organization broken, cell slurring, clinic pathologic analysis, emulsions, nanometer materials scattering, polymerization reaction, cosmetics, ink& paint, fine chemical engineering, pesticide, prospection, environmental protection, energy sources, etc.

### **FEATUR OF THE PRODUCT :-**

- Designed smart and light. Can operate in one hand.
- Speed adjustable, digital display speed. Speed precisely controlled to avoid splashing.
- Suitable for homogeneous dispersion of a small amount of sample in small container.
- High quality stainless steel dispersing head, anti-corrosion, high temperature resistance for disinfecting.
- Easy to take off the dispersing head for cleaning.
- High speed and high efficiency motor, long life.
- Optional H-type stand, height and angle can be adjusted, convenient to take and store.

### **TECHNICAL PARAMETERS:-**

Type	RDBLMT 30K Heavy Duty Hand Held Homogenizer
Power Supply	230V / 50/60HZ
Power (Input / Output)	160W / 110W
Rotor Line Speed	6.3-14m/sec
Net Weight	0.7kg
Noise	72dB(A)
Speed Control Range	8000-35000rpm (digital display)
Dimension	46mm*55mm*230mm

## OPTIONAL ACCESSORIES:-

Type	Handling Capacity	Diameter of Outer Head	Diameter of Inner Head	Gap between Outer and Inner Head	Min./Max. Dipping Depth	Length of Head	Material
RDBL-MT-30KA	0.5-50ml	6mm	3.9mm	0.1mm	20/90mm	150mm	316L
RDBL-MT-30KB	1-100ml	8mm	6.1mm	0.3mm	20/107mm	167mm	
RDBL-MT-30KC	1-250ml	10mm	7.9mm	0.3mm	20/120mm	180mm	
RDBL-MT-30 H-Type Stand	H-type stand to keep the hand held homogenizer, height and angle adjustable						