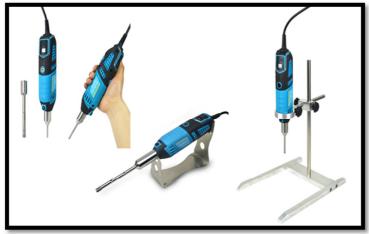


# **RDBL-MT-30K HAND HELD HOMOGENIZER**





### **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  $0.5\sim250\text{ml}$  liquid

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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  $10{\sim}30$  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

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## **OPETIONAL ACCESSORIES:-**

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

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