

MT-30K Handheld Homogenizer

Homogenizer

Introduction

The homogenizer MT-30 is smart hand held instrument for fast organization homogeneous, separation and emulsification. 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. It is applied in various territories such as bio-pharmaceuticals, gene research, organization broken, cell slurring, clinicopathologic analysis, emulsions, nanometer materials scattering, polymerization reaction, cosmetics, ink & paint, fine chemical engineering, pesticide, prospection, environmental protection, energy sources, etc.

Features

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

Accessories



MT-30K-A



MT-30K-B



MT-30K-C



Cat#	Handling Capacity	Diameter of Outer Head	Diameter of Inner Head	Gap between Outer and Inner Head	Min/Max.Dipping Depth	Length of the Head	Material
MT-30K-A	0.5-50ml	6mm	3.9mm	0.1mm	20/90mm	150mm	316L
MT-30K-B	1-100ml	8mm	6.1mm	0.3mm	20/107mm	167mm	
MT-30K-C	1-250ml	10mm	7.9mm	0.3mm	20/120mm	180mm	
MT-30K-D	H-type stand; used to hold the homogenizer; height and angle are adjustable						

Parameters

Model	MT-30K
Speed Range	8krpm~35Krpm(1krpm Increment)
Rotor Line Speed	6.3m/sec~14m/sec
Working Noise	72dB
Voltage	AC 220V,50Hz
Power Input/Output	160W/110W
Dimension	W.46xD.55xH.230mm
Net Weight	0.8kgs

