

MT-30K Handheld Homogenizer

The homogenizer MT-30 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 3500rpm. 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.



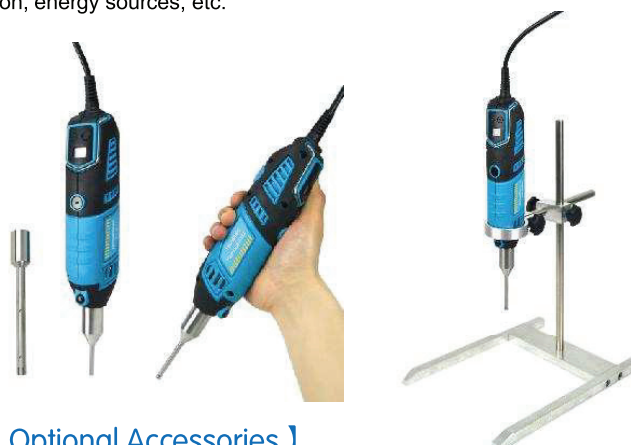
Speed Range
Adjustable



Max. Volume

【 Product 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.



【 Technical Parameters 】

Model	MT-30K
Speed Range	8krpm ~35Krpm (1krpmIncrement)
Rotor Line Speed	6.3m/sec ~14m/sec
Working Noise	72dB
Voltage	AC 220V, 50Hz
Power Input / Output	160W / 110W
Dimension (WxDxH)	46 x 55 x 230mm
Net Weight	0.7kgs

【 Optional 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	316L
MT-30K-C	1-250ml	10mm	7.9mm	0.3mm	20/120mm	180mm	316L
MT-30K-D	H-type stand; used to hold the homogenizer; height and angle are adjustable						

MT-13K Mini Handheld Homogenizer

The mini homogenizer MT-13K is hand-held designed. It is smart and light, easy to operate. With DC motor to drive the grinding pestle, configure 1.5ml centrifugal tube, efficiently grind trace tissue. The grinding pestle is light and reusable, suitable to a variety of sterile ways, convenient to be dismantled.

【 Product Features 】

1. Light and easy to operate.
2. Speed adjustable, broad scope of application.
3. Use micro DC motor for grinding trace tissue, efficient and effective.
4. Grinding pestle is light and reusable, suitable for various sterile ways, convenient to be dismantled.

【 Technical Parameters 】

Model	MT-13K
Speed Range	18000rpm
Working Noise	60dB
Voltage	AC 220V, 50Hz
Dimension (WxDxH)	25 x 25 x 160mm
Net Weight	0.4kgs

【 Applications 】

1. Suitable for grinding various plant tissue sample such as root, stem, leaf, flower, fruit, seed, etc.
2. Suitable for grinding various animal tissue sample such as cerebrum, heart, lung, stomach, liver, thymus, kidney, intestine, lymphonodus, muscle, skeleton, etc.
3. Suitable for homogenate.

