

# STALWART

## Handheld Homogenizer SMT-30K



## Introduction

The homogenizer SMT-30K 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

- 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.

## Specification

Item	SMT-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

## Accessories



SMT-30K-A



SMT-30K-B



SMT-30K-C

## Specification

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