MT-30K Handheld Homogenizer

Homogenizer

Introduction

The MT-30 Handheld Homogenizer is a compact instrument designed for rapid homogenisation, separation and emulsification. It uses a high-speed rotor–stator system to create a narrow working gap and generate shear forces that break down samples. Applications include biopharmaceuticals, gene research, cell disruption, cell slurry preparation, clinical pathology analysis, nanomaterial dispersion, polymerisation reactions, cosmetics, inks and paints, fine chemical engineering, pesticides, prospecting and environmental protection.

Features

1. Compact, lightweight design allows convenient one-handed operation.
2. Adjustable speed with a digital speed display. Precise speed control helps reduce splashing.
3. Suitable for homogenising and dispersing small sample volumes in small containers.
4. The high-quality stainless-steel dispersing head is corrosion-resistant and can withstand high temperatures for disinfection.
5. The dispersing head can be removed easily for cleaning.
6. A high-speed, high-efficiency motor is designed for a long service life.
7. An optional H-type stand is available, with adjustable height and angle for convenient positioning and storage.



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

