SPEC SHEET
Desktop Vacuum Homogenizer
SME-DE Series

INTRODUCTION

Adopting a classic desktop structure, the Desktop Vacuum Homogenizer is used for dispersion, mixing, emulsifying, homogenizing, and dissolving in the lab environment for making sample cream products.

KEYWORDS   Vacuum | Homogenizer | Emulsification | Sample

SME-DE10

SME-DE50

ATTRIBUTES

● The homogenizer is placed at the bottom of the pot. Material can be fully homogenized by the internal and external circulation, so that the paste particles are controlled below 5 microns and are more delicate. At the same time, the external circulation can double as a discharging pump.

● The homogenization efficiency can be increased by 30% through multi-layer shearing, and the particles can be distributed in a very narrow range under the similar structure of a centrifugal pump impeller.

● The homogenizer has a CIP cleaning function, which can shorten the cleaning cycle, improve cleaning efficiency and save water consumption.

● The homogenizer has a memory storage function.

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TECHNICAL PARAMETERS

Model		SME-DE10	SME-DE20	SME-DE30	SME-DE50
Capacity		10L	20L	30L	50L
Homogenizer motor	KW	2.2	2.2	4	4
	r/min	6000	6000	4000	4000
Stir motor	KW	0.55	0.75	1.1	1.7
	r/min	0-93	0-93	0-83	0-83
Dimension		1300x1000x 1400/1900mm	1200x1200x 1500/2000mm	1400x1400x 1500/2000mm	1600x1100x 1900/2400mm
Total power		10KW	10KW	10KW	10KW
Limit vacuum		−0.097	−0.097	−0.097	−0.097

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