

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.

TECHNICAL PARAMETERS

Model	SME-DE10	SME-DE20	SME-DE30	SME-DE50
Capacity	10L	20L	30L	50L
Homogenizer motor	KW	2.2	2.2	4
	r/min	6000	6000	4500
Stir motor	KW	0.55	0.75	1.1
	r/min	0-93	0-93	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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