

Multimix™ HSM 2003 SV/DV



The HSM Series are specially designed for emulsion processes which consist of oil and water phases such as cream, lotions, silicone emulsion, mayonnaise, margarine, yoghurt, cheese and ice-cream. It is also widely used in any kind of dispersion in which powders are incorporated into the water such as dispersion of Carbopol (CMC) or any type of gums which may create agglomeration or commonly known as "fish-eye". At the core of each HSM unit lies the patented 'V' type rotor & stator in either single or double vortex design which is key in high shear mixing for efficient emulsifying or homogenizing processes. Mixing will never be the same again with Multimix® HSM mixer.



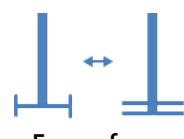
Efficiency

Production of fine emulsions or dispersions within minutes compared to conventional mixers



Elimination of 'fish eye' which is undesirable for quality product perception

Quality



Ease of use

Interchangeable attachments using the SAME mixer

Single Vortex Flow



Material sucked from beneath

Double Vortex Flow

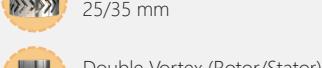


Material sucked from beneath

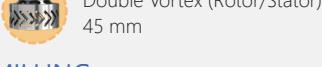
Homogenized material out



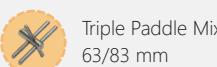
Model	HSM 2003SV	HSM 2003DV	Quick Interchangeable Attachments (optional)
Mixing capacity		0.5 - 12 Litres	
Machine dimensions (LxWxH)		350 x 360 x 770 mm	
Weight		15 kg	
Motor		0.5HP (0.37kW)	
Power supply		Single phase, 220V, 50/60Hz	
Nominal speed		1000rpm & above (6000rpm under full load)	
Speed range		0-6000rpm (variable speed electronically controlled)	
Motor height adjustment		Electrical	
Mixing component material		Food and medical grade stainless steel 316L	
Rotor diameter / stator design	35mm / Single vortex	45mm / Double vortex	MIXING  High Flow Mixer 57mm  Triple Paddle Mixer 63/83 mm
Machine base		Corrosion resistant aluminium base with height-adjustable non-slip rubber feet	DISPERSING  Disperser Blade 25/30/43/63/83 mm

EMULSIFYING

Single Vortex (Rotor/Stator) 25/35 mm



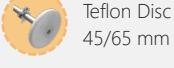
Double Vortex (Rotor/Stator) 45 mm

MILLING

Triple Paddle Mixer 63/83 mm



Double Disc 45/65 mm



Teflon Disc 45/65 mm