

Multimix Explosion Proof Heavy Duty High Shear Mixer

(Heavy Duty Type)

The Multimix HSM 2103 SV Exe is specially designed for all applications which do require an explosion proof stirrer in particular for all alcohol and solvent based applications. This unit is suitable for up to 30 liters volume and comes with a gas spring lifting system in the stand which allows the user to easily lift the unit. Full scale up possibility to industrial size batch machines.

The main advantages are:

- Production of fine emulsions within minutes with the "V" type rotor/stator
- Elimination of "Fish Eyes" within minutes with the "V" type rotor/stator
- Elimination of "bubbles" without the usage of vacuum with a triple paddle mixer
- Dispersion of solid powder with viscosities of 75,000 cps with disperser and triple paddle mixer
- Elimination of dusting during powder mixing due to a triple paddle stirrer
- Achievement of less than 50 microns for a premixed dispersion with "V" type rotor/stator
- Achievement of less than 10 microns within one hour for carbon black with teflon disc, triple paddle and double disc
- Mixing capabilities from 100ml to 30 liters due to several diameter tools

Specifications

Model No	HSM 2103 SV Exe
Power	1 HP AC Motor in Mild Steel Housing
Drive	Single Phase 110V/220V, 50/60Hz
Digital Inverter	Sensor Less Vector Control (Spark Proof)
Speed	Electronic Variable Speed Inverter 0-6000rpm
Material	SS 316L Wetted Parts
Mixing Capacity	Up to 30 liters (H2O)
Accessories	Rotor/Stator "V" Design, Single Vortex 45mm Gas Spring Lifting System

Optional Attachments

Quick Interchangeable Accessories Without Tools

Mixing	High Flow Mixer 83mm Quad Paddle Mixer 83, 140 & 210mm
Dispersing	Disperser Blade 63, 83, 103 & 125mm
Emulsifying	Rotor/Stator "V" Design, Single/Double Vortex 65mm
Milling	Quad Paddle Mixer 83, 140 & 210mm / Teflon Disc 45, 63, 83mm Double Disc 45, 63 & 83mm
Accessories	Crimping Clamp / Basket Mill

