

## High-Speed Dispersing Machine

High speed dispersers is a type of mixer used to rapidly break apart lumps of powder material, and wetting them in a liquid. It is also used to dissolve soluble solids in a liquid.

A High Speed Dispersers is a Table Top Model with a Three Phase Induction Forced Cooled Motor controlled by Variable Frequency Driver and a Digital Timer Controller. Sturdy Laboratory platform is to be arranged by you.

One nos ``50 mm SS304 Cowl Type Stirrer'' will be supplied with the machine.

### Dispersion of 2/4 ltr volume grinding media with a Tip Speed of 12-18 mps

#### Features-

- > RPM : 0000 to 4850 Step less variation by VFD. Digital Display of RPM on VFD Panel
- > Clamping : Manual in "V" Shaped Clamping
- > Vertical Traverse : Manual Operation eased by counterweight Mechanism & LM slide
- > Main Supply : 415/430 VAC and 50/60 Hz
- > Digital Timer : 99 mins 59 secs with memory backup function

<b>Overall Dimensions</b>			
Max Height	1120 mm	1250 mm	1300 mm
Max Length	560 mm	560 mm	560 mm
Max Width	550 mm	550 mm	550 mm
Vertical Traverse	265 mm	300 mm	400 mm
Net Weight	100Kgs	120Kgs	140Kgs
<b>Container Size Diameter</b>			
	Min 65 mm to Max 250 mm	Min 65 mm to Max 300 mm	Min 65 mm Max 300mm
<b>Height</b>			
	Min 75 mm to Max 250 mm	Min 75 mm to Max 300 mm	Min 75 mm Max 300mm
<b>Motor Power / Kilowatt. Cowl Type Stirrers as per your choice</b>	0.75 KW , 40 to 60 mm Dia	1 HP 1.5 KW, 40 to 80 mm Dia	2 HP 2.2 KW, 3 HP 40 to 110 mm Dia
<b>Sand Mill Stirrers Double Disc SS/Polyimide Capacity</b>			
	40 to 60 mm Dia 500 ml to 5 litre	40 to 100 mm Dia 500 ml to 10 litre	40 to 110 mm Dia 500 ml to 20 litre
<b>Ref No:</b>	141/1	141/2	141/3

