

**Product Name :**  
Direct Drive Stirrers

**Product Code :**  
CLS0003



## Description :

Direct Drive Stirrers

## Technical Specification :

Designed to meet requirements of laboratories demanding wide flexibility of stirring operations, these stirrers are available in various models. Choice of model will be dependent on the batch size / volume to be stirred.

General Features:

- Multipurpose stirrer for general purpose & PUF stirring
- Heavy duty stirrer for pilot plant, bench scale process & small batch production
- Models also available with digital speed indicator for speed indication & process validation

PMDC Lab Stirrer

PMDC Stirrer are specially designed for routine laboratory work, research and development, QA analysis and sample preparation. Stirrer have uniform speed control with digital RPM indicator which gives speed read out, suitable for applications where process validation and reproducibility is required.

RD-1210, RD-1260 and RD-1280 models use direct drive motors & are ideal for day-to-day laboratory use with aqueous & low viscosity liquids such as light oils.

General Features:

- PMDC motor for powerful stirring

- Hollow shaft in Gassed models permitting height adjustment

- Reliable performance even in continuous use

- Check for easy interchangeability of shaft

- Digital electronic speed regulator with digital display

Stirring Shaft Ø x length (mm)	Impeller	Motor	Speed (rpm)		Stirring Capacity	
			Min	Max	Type of Fluid	Max Volume
8 x 250	AXIAL TURBINE	PMDC	200	2000	WATER/LIGHT OIL	10 LITRES
10 x 400	PITCHED BLADE	PMDC	100	2000	WATER/LIGHT OIL	25 LITRES
10 x 500	PITCHED BLADE	PMDC	100	1400	WATER/LIGHT OIL	50 LITRES
8 x 250	PITCHED FAN	ACDC 120 HP	800	4000	WATER	7 LITRES
8 x 250	PITCHED FAN	ACDC 120 HP	800	4000	WATER	7 LITRES
8 x 250	PITCHED FAN	ACDC 148 HP	300	4000	WATER	20 LITRES
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12 x 450	PITCHED FAN x 2	AGDC 14 HP	900	5000	WATER	80 LTRS
12 x 450	PITCHED FAN x 2	AGDC 12 HP	900	5000	WATER	80 LTRS
12 x 450	PITCHED FAN x 2	AGDC 20 HP	900	5000	WATER	80 LTRS
12 x 450	PITCHED FAN x 2	AGDC 20 HP	900	5000	WATER	80 LTRS

 **LAB ENGINEERING**

**Elab Engineering Equipments Manufacturers**