

Laboratory Stirrers



Geared Stirrers

The Geared Stirrers are specially designed for a broad spectrum of applications requiring low speed & high torque for stirring of viscous fluids & materials. These stirrers are used in routine laboratory work, research and development, QA analysis and sample preparations.

The user has choice of different types of drive i.e. AC Drive, AC/ DC Drive & PMDC with stepless speed regulations for continuous variation of speed as per requirements.

PMDC Geared Stirrers

These stirrers have PMDC motors with hollow shafts in output spindle (except RQG-121/D), permitting length adjustment with ability to mix high viscosity liquids such as heavy oils, lubricants & paints. Stirrers have uniform speed control with digital RPM indicator which gives speed read outs, valuable for applications where process validation and reproducibility is required.

Salient Features:

- PMDC motor for powerful stirring.
- Reliable performance even in continuous use.
- Hollow shaft in Geared models permitting height adjustment.
- Stirring shaft SS 316; Retort Rods SS304.

AC Geared Stirrers

Specially designed AC geared stirrers for continuous mixing in viscous materials and solvents that change viscosity during mixing. Heavy duty brushless motor produces no spark.

Salient Features:

- Stirring shaft length-adjustable in hollow output spindle.
- Stirring shaft SS 316 & Retort Rods SS 304

AC/DC Universal Geared Stirrers

These Geared stirrers have Universal AC/ DC motor for routine mixing application in laboratories.



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Technical Data								
Models	Stirring Shaft	Impeller	Motor	Speed (rpm)		Stirring Capacity		Digital Speed Indicator
	Ø X length (mm)			Min	Max	Type of Fluid	Max Volume	
Geared Stirrers								
RQG-121/D	6 X 250	AXIAL TURBINE	PMDC	50	550	LIGHT OIL	5 LTRS	✓
RQG-126/D	8 X 450	RADIAL TURBINE	PMDC	50	750	PAINT/GEAR OIL	15 LTRS	✓
RQG-129/D	10 X 550	RADIAL TURBINE	PMDC	50	550	PAINT/GEAR OIL	25 LTRS	✓
RQ-128/D	8 X 310	4 CROSS BLADE	AC/DC 1/20 HP	50	150	LIGHT OIL	3 KGS	X
RQ-128B/D	8 X 310	4 CROSS BLADE	AC DC 1/8 HP	50	150	LIGHT OIL	7 KGS	X
RQ-128D/D	12 X 450	4 CROSS BLADE X 2	AC/DC 1/2 HP	50	280	LIGHT OIL	20 KGS	X
RQG-128A/D	8 X 450	RADIAL TURBINE	AC BRUSHLESS	50	550	WATER	10 LTRS	X
RQG-128C/D	10 X 450	RADIAL TURBINE	AC BRUSHLESS	50	500	PAINT/GEAR OIL	20 LTRS	X

