Laboratory Stirrers

RQ-5 Plus RQ-100 Plus

Laboratory Stirrers

REMI presents the next generation of laboratory stirrers for stirring / mixing etc of chemical. pharmaceutical, food and cosmetic products. The equipment basically consists of body. Chuck, stainless steel blade propeller and a U-type stand.

Salient Features :

- High torque even at low speeds
- Monitoring of set & actual speed
- Wide range of impellers
- Advanced Stirrers with microprocessor technology
- Advanced Stirring speed control through VFD
- Constant speed even with change of load / Voltage
- Easy -to- read display of set & actual parameters
- Last parameter recall. Ideal for repetitive processes
- Accepts shafts up to 13mm Ø
- Motor protection in case of continuous overload
- Stopper for protection of vessel & shaft
- Special base design for topple free operation

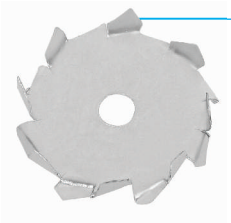
Technical Data		
Features	**RQ-5 Plus**	**RQ-100 Plus**
Max. stirring capacity (Water) (Liters)	5	100
Motor Type	BLDC	AC Induction, 3 phase
Motor rating	10 watt	100 watt
Speed range (rpm)	50-1500	100-4000
Speed display	LED	LED
Timer	0 to 99 Minutes	0 to 99 Minutes
Motor Overload protection	LED light flash, auto stop	LED light flash, auto stop
Chuck Ø (mm)	1.5 to 10	1.5 to 13
Stirring Shaft Ø x length (mm)	8 x 250	12 x 500
Impeller Type / Ø (mm)	Axial Turbine / 36	Pitched x 2 / 65
Dimensions (Wx D x H) (mm)	115 x 180 x 155	320 x 285 x 620
Stand length (mm)	600 ('2')	1220 ('4')
Weight (kg)	6.5	19
Power (W)	10 watt	175 watt

Supply: 220-240 Volts, 50 Hz, single phase.

Impellers

Axial flow from top to bottom for stirring in round vessels

Radial flow from top to bottom for medium to high speed. For aeratin of low viscosity media



Radial flow from top to bottom for medium to high speed with high shearing force

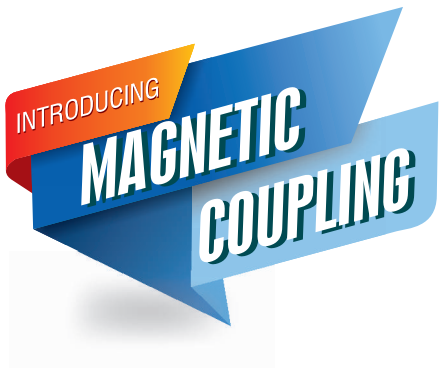
4 Cross Blade

Axial flow from top to bottom for medium to high speed

Teflon Pestle

For homogeniser

Magnetic Drive Coupling



Magnetic Couplings for High vacuum distillation

Salient Features

- Ideal for high vacuum distillation in glass reactors.
- For sealing glass reactor shaft in place of gland / bush packing which leaks / fails under high vacuum.
- Zero leakage under very high vacuum.
- Safe & reliable for reactions involving hazardous, toxic, corrosive & expensive chemicals / gases.
- Faster distillation & better product quality.

Specifications:

Max. working Pressure & Temp	: Full vacuum, 200°C
R.P.M.	: 0 - 3000
'O' ring	: Viton
Wetted Parts	: SS316 inner rotor with hast C bottom adaptor
Drive End connection M.O.C.	: Carbon filled PTFE

Technical Data

Sr. No.	Model No.	Torque Capacity Kg-cm	Drive End Connections	Shaft Diameter	Recommended For Reactor Volumes
1	RMG-08	8	B 29	8 mm	500ml to 5 Ltrs
2	RMG-20	20	B 29	8 mm	1 Ltr to 25 Ltrs
3	RMG-40	40	B 34	10 mm	10 Ltrs to 50 Ltrs

We offer interchangeable drive end connection & different shaft diameters for same coupling on request
The shaft diameter can be changed by changing the internal CFT bush