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INSTRUCTION MANUAL FOR **RG-12/06/03-RM/RTM** HIGH TORQUE STIRRER

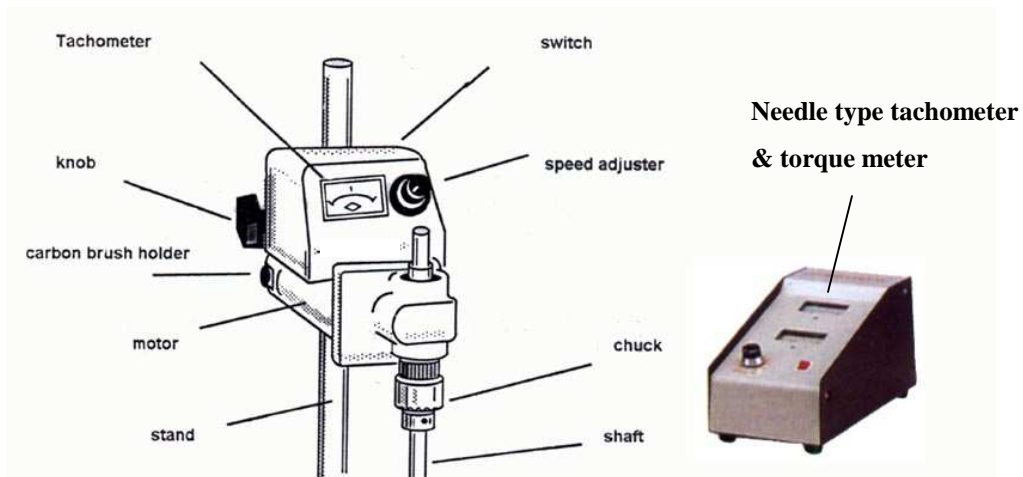


PLEASE READ THIS MANUAL CAREFULLY BEFORE OPERATION

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I 、OUTLINE



II 、SPECIFICATION

Model	RG-03 / RM / RTM	RG-06 / RM / RTM	RG-12 / RM / RTM
Speed (rpm)	0-300	0-600	0-1,200
Max. Torque (kg-cm)	60	30	15
Motor	DC 200W		
Power	AC 110 / 220V , 50 / 60 Hz, 5 / 3A		
Chuck	ϕ 1~10 mm		
Safety device	Heat breaker, glass fuse		
Coating	Medicine-resisting		
Size (240 x 125 x 250 mm		
Weight	6.8 kg		

III · ACCESSORIES

1. Stirring shaft (SUS#304): φ 8 x (L) 500 mm.....1 pc
2. Propeller: No. 6.....1pc
3. Holder.....1pc
4. Stand base: 7.7 kg.....1pc
5. Pole: φ 19 x (L) 800 mm, 1.8 kg.....1pc
6. RM type equipped with a needle tachometer.
7. RTM type equipped with a need tachometer & torque meter.

IV · OPERATION INTRODUCTION

1. Set speed adjuster to “OFF” and then put plug into the socket.
2. Turn on the power switch behind the controller.
3. Turn on the speed adjuster.
(* Only when the adjuster indicates “OFF”, you can take off the plug or turn off the source during high-speed rotation.)
4. When the temperature of motor reaches 75°C, the built-in thermal circuit breaker will stop the rotation to prevent the motor from burning out and the re-performance is allowed to start only when the temperature is less than 55°C (about 30 min.).
(* If the rotation stops again, please reduce the stirring burden.)
5. Attached auto current-restraining function under control system, excessive viscosity or current adding.
6. After renewing the carbon brush, and unloaded low-speed rotation for 1~2 hours is needed for motor protection.
7. The choosing of propellers & stirring vessels depend on the temper of the materials.
(* For example, consistency, viscosity, etc.)
8. Using more than 2 propellers depends on the torque of the machine.

V 、ATTENTION

1. Avoid using the same source with other electrical appliances.
2. The overload burden will exhaust and damage the gear.

VI 、ASSEMBLING

1. Place pole onto the stand base, and lock the screw nut.
2. Insert the flat end of pole into the stirrer body, then lock the hatless screw tightly, and fasten in the holder slot.
3. Set the machine body, and adjust the altitude to prepare the placement of stirring shaft.
4. Put propeller on the flat side of screw, then fix it on one end of haft.
5. Turn left to open the holder, get stirring shaft into the hole, then fasten it.

VII 、INSPECTION

When the machine is out of order, please check up whether:

1. The carbon brush on the two sides of the motor are out of using or in bad contact.
(Take them out and renew while out of using)
2. The fuse burns out or not.
3. The speed adjuster works normally or not.

*** If everything is O.K., please send it back to the agent for examination & maintenance.***