



Laboratory Equipment Manufacturer
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INSTRUCTION MANUAL FOR

RD-12/06/03

MULTI-FUNCTION DIGITAL STIRRER



PLEASE READ THIS MANUAL CAREFULLY BEFORE OPERATION

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I 、OUT-LINE



II 、SPECIFICATION

MODEL	TF/34	TF/28	TF/25
SPEED (rpm)	0 ~ 1,200	0 ~ 600	0 ~ 300
TORQUE (kg-cm)	2.5	5	10
VISCOSITY (10 ³ cps / L)	20	50	100
POWER	220V, 50 / 60 Hz		
SAFETY DEVICE	OVER HEAT PROTECT		
	FUSE		
COATING	CHEMICAL RESISTANT COATING		

III 、 OPERATION

1. ADJUST THE SPEED TO “0” , THEN, PLUG IN, AND PUSH THE POWER ON
2. ADJUST THE SPEED TURNER, (SIDE OF THE MAIN BODY).SLOWLY TO THE THE SPEED REQUIRE.
3. THE OVER HEAT PROTECT WAS SEATED BESIDE THE MOTOR, WHEN THE MOTOR TEMPERATURE OVER 37 DEGREE C. THE MOTOR WILL STOP AUTOMATICALLY . THE MOTO WILL RE WORK AGAIN AFTER TEMTERATURE LOWN DOWN UNDER NORMAL CONDITION. (20~30 MINS LATER)
4. ABOVE CONDITION MAY BE HAPPEN WHEN OVER HEAVY WITH THE MACHINE. PLEASE CHECK AGAIN WITH THE CAPACITY.
5. THE FUSE WILL CUT-OFF TOO; IF WORKING OVER HEAVY OR OVER VISCOSITY WITH THE MACHINE. .
6. WHEN A NEW CARBON BURSH CHANGE, THE MOTOR SHALL TURNING WITH NO CARRIER, 1~2 HOURS. DOING THIS CAN PROTECT THE MOTOR. °
7. CHOOSE THE THE SUITABLE PROPELLER WHEN STIRRER. MANY KINDS DIFFERENTS PROPELLER CAN BUY WITH OPTION.
8. THE ANALOG TORQUE METER CAN BE REFERENCE WITH THE TORQUE WHEN WORKING.

IV 、NOTICE

1. AVOID PLUG INTO ONE POWER SOURCE WITH MANY OTHER MACHINE.
2. DO NOT OVER HEAVY OR OVER CARRIER IN USING IT MAY BE DAMAGE
WITH THE GEAR INSIDE.

V 、SELF - CHECK

1. CHECK THE CARBON BURSH AT 2 SIDE OF MOTOR. IF SHORTER THEN 1/3 BY
OVERY LENGTH . IT SHOULD NEED TO CHANGE.
2. IF FUSE BURN OFF.
3. POWER SOURCE, ALSO THE PLUG ARE NORMAL OR NOT.
4. TURN THE SPEED ADJUST TURNER, IF SPEED CHANGE NORMAL .

VI 、CIRCUIT DIAGRAM

