



CP-1T/2T/3T/4T

Digital Stirrer INSTRUCTION MANUAL



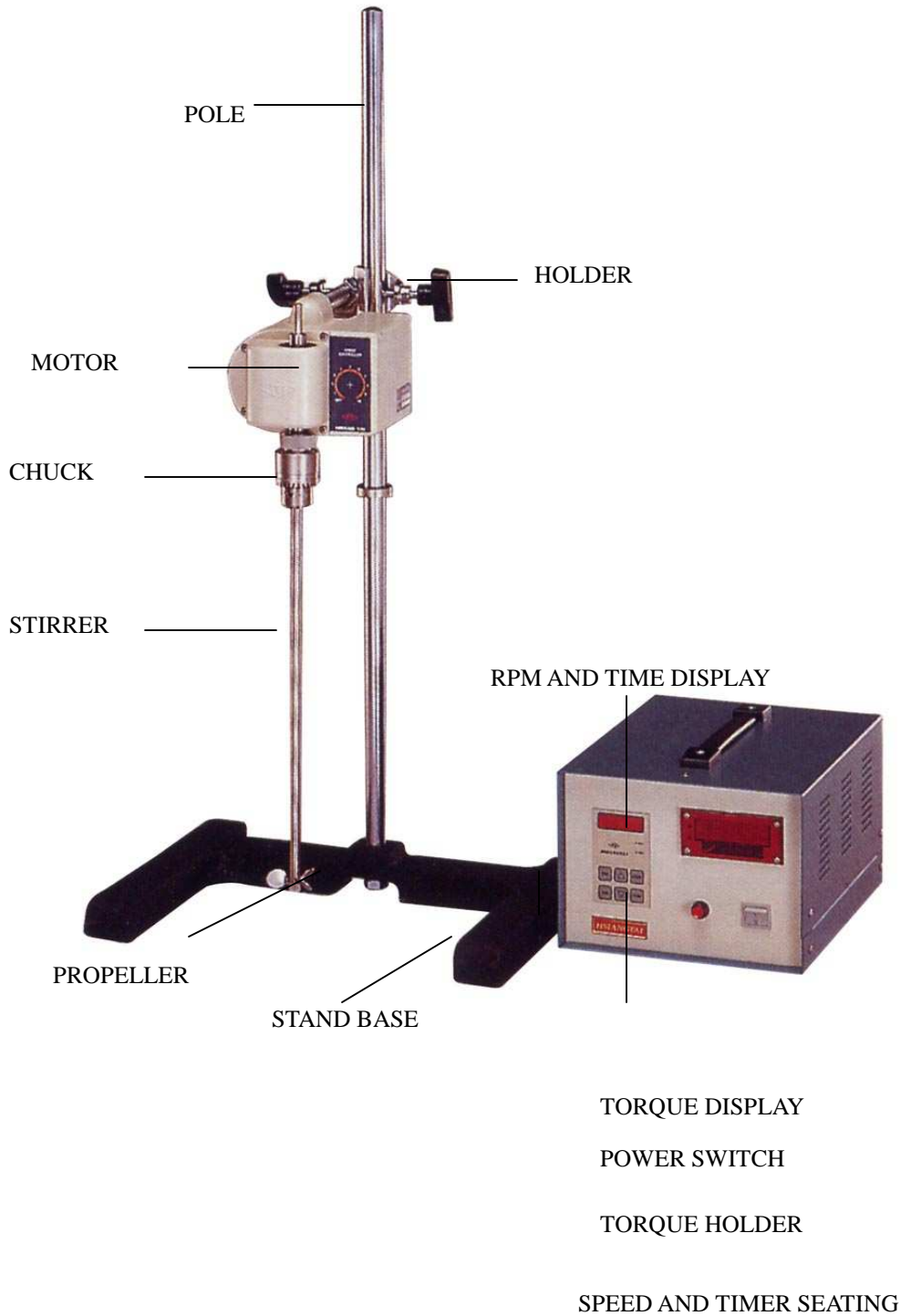
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I, OUTLOOK



II, SEPCIFICATION

MODEL	CP-1T	CP-2T	CP-3T	CP-4T
SPEED (rpm)	200~3,000	120~1,200	60~600	30~300
MAX TORQUE(kg-cm)	1.5	2.5	5	10
MAX VISCOSITY (x1000 cps / L)	5	20	50	100
MOTOR	DC 60W	DC 45W		
CHUCK	USEFUL RANGE : φ 1~10mm			
CONTROL	MICROPORCESS CONTROL			
SAFT DEVICE	OVER HEAT, OVER LOAD, FUSE			
TIMER	99 H/ 59 MIN			
POWER	220 V · 50 Hz			

III, ACCESSORIES

1. STIRRER SHAFT (SUS304): φ 8 x (L) 500 mm.....1pc
2. PROPELLER ; (SUS304): No. 8 / φ 50mm.....1pc
3. FUSE 1 pc
4. PLOE AND HOLDER1 set

IV, OPERATION

1. POWER OFF, SEATING THE STAND BASE, POLE, HOLDER WITH THE MOTOR BODY, AND STIRRER SHAFT WITH PROPELLER . °
2. SPEED SEATING: :
 - A. PUSH : RPM (FLASH) , THEN, PUCH ▲ OR ▼ TO SEAT THE SPEED NEED.
 - B. PUSH RPM KEY AGAIN, YOU MAY SEE THE SPEED RETURN TO “0”
 - C. PUSH : START KEY , WHICH CAN REACH TO THE SEATING RPM.
3. TIMER SEATING:

- A. PUSH : TIME KEY , YOU MAY SEE THE 00:00
- B. PUSH TIMEKEY AGAIN (FLASH), PUSH ▲ OR ▼ SEAT THE NEED TIME.
- C. PUSH : TIME KEY AGAIN RETURN TO : 0 .
- D. TIMER START WITH THE KEY : START , SMALL YELLOW LIGHT FLASH.
- E. AUTO STOP, WHEN TIME OFF.

4. CONTROL BOX, :

A: WITH NO SAMPLE , PUSH **【START】** KEY, THEN SEAT RPM NEED, NOW THE STIRRER RUNNING WITH NO SAMPLE.

B: PUSH **【AZ】** (AZ LIGHT UP) , THEN PUSH **【STOP】** , STOP THE STIRRER, NOW THE TORQUE METER SHOW THE FIGURE WITH NO CARRIER.(THIS FIGURE MAY BE IN NEGATIVE NUMBER, BECAUSE NO ANY SAMPLE IN THIS SITUATIONS)

5. NOW, WITH CARRIER (SAMPLE) , PUSH **【START】** , THE TORQUE METER SHOW IS THE CORRECT FIGURE OF TORQUE (KG/CM)

6. FOR CP-2T : IF THE CARRIER OVER : 2.00 kg/cm , “ AL1 “ LIGHT UP ; IF CARRIER OVER 3.00 kg/cm ,” AL2” LIGH UP , THE MOTOR AUTO STOP . WITH THE BUZZER SOUND. (DIFFERENT MODEL HAS THE DIFFERENT SEATEDOF MAX TORQUE)

V, OTHER OPERATION

1. IF THE FIGURE ON TORQUE METER CHANG VERY FAST , MAY PUSH THE

【HOLD】 , LIGHT UP THE (HD) , THE TORQUE FIGURE WILL HOLD ON.

2. IF PUSH**【MAX】**(MAX LIGIT UP) , THE TORQUE METER SHOW ONLY THE MAX TORQUE . THE MOTOR AUTO STOP CARRIER OVER “ AL2 “ (3kg-cm) .

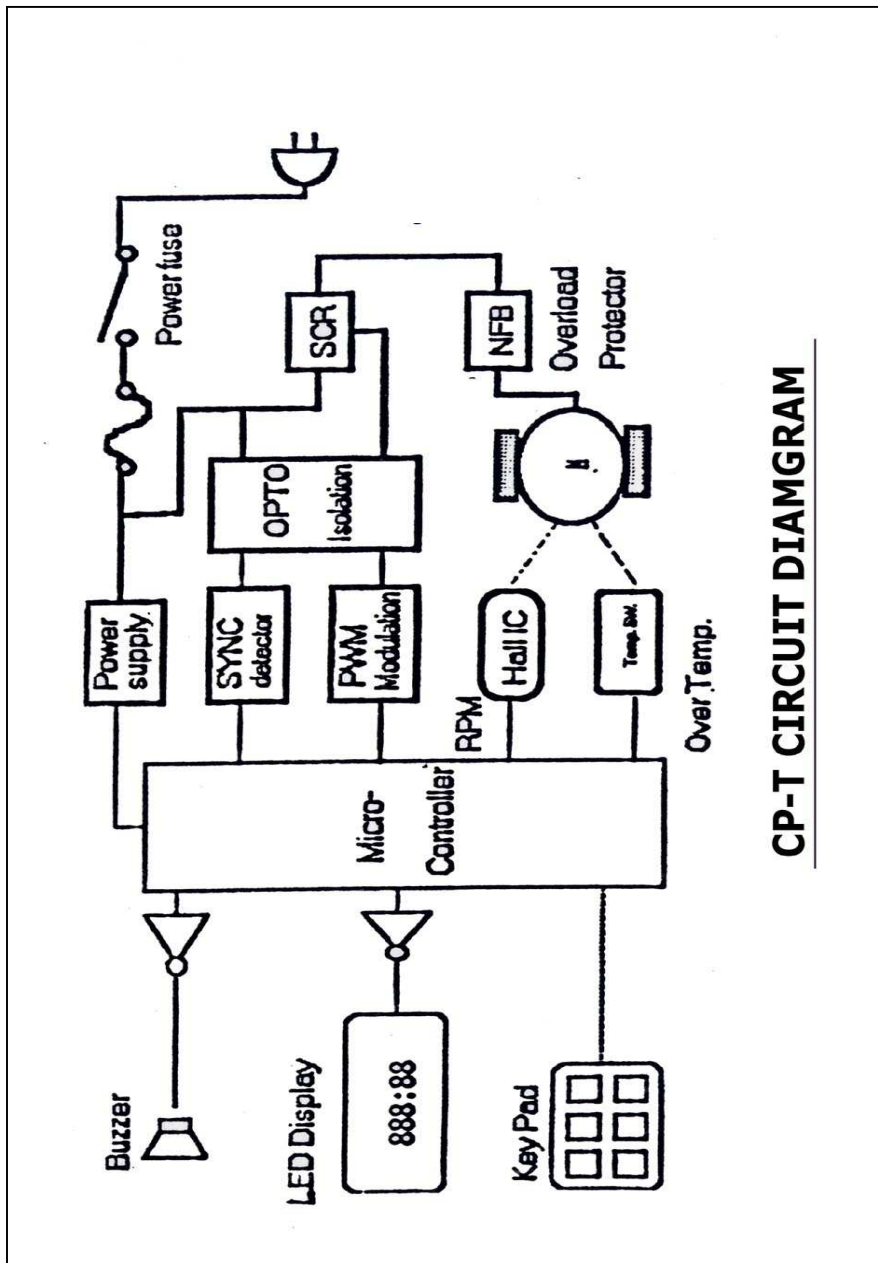
VI, NOTICE

1. AVOID PLUG TOGETHER ONE SAME POWER SUPPLY WITH OTHERS
EQUIPMENT WHICH USE HIGH CURRENT OF ELECTRIC. °
2. THE OVER LOAD OR OVER CARRER MAY BE DAMAGE WITH THE GEAR
BOX AND MOTOR.

VII, SELF-CHECK

1. BOTH SIDE CARBON BRUSH OF MOTOR MAY BE FINISHED. (LESS THEN
1CM) . NEED TO CHANG WITH.
2. FUSE CHECK (FREE FUSE ENCLOSED UNDER THE PLUG OF THE CONTROL
BOX)
3. IF ALL THE SEATING KEY OK.

VIII, CIRCUIT DIAGRAM



CP-T CIRCUIT DIAMGRAM