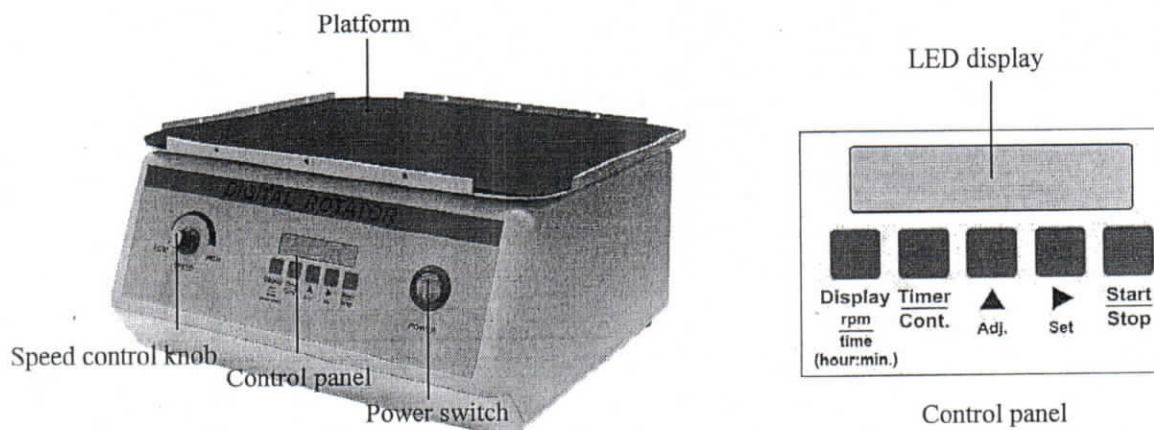


INSTRUCTION MANUAL



Specifications:

1. Speed: 20 ~ 240rpm
2. Timer: 99 hours and 59 minutes digital timer
3. Orbital diameter: 20mm
4. Display: Digital display for present speed value and remaining time
5. Load capacity: no more than 2.0kg under 150rpm; no more than 1.5kg over 150rpm to 240rpm

Operation procedure:

1. Connect the power supply.
2. Place and fix the specimen on the 'Platform'. Power on the 'Power switch'. First, the 'LED Display' will show the time value that you set last time. If your previous setting is **Cont.** mode (Continuous mode), you will see 'contu' on 'LED Display'.
3. Setting time: Press the 'Timer / Cont.' key to select the operation mode (Timer mode or Continuous mode).
 - 3.1 If the **Cont.** mode is selected, you will see **contu** on 'LED Display'.
 - 3.2 If the **Timer** mode is selected, you will see the previous setting value on 'LED Display'.
 - 3.2.1 Press the 'Set' key to select the digit (hour or min.)
 - 3.2.2 Press the 'Adj.' key to adjust that digit to the required scale.
 - 3.2.3 After all digits are setting well, please wait for 2 seconds, the time value will be stored into memory.
4. Setting speed: Press the 'Start / Stop' key to start operation. Then, turn the 'Speed control knob' to the required speed value and the speed value will be shown on the 'LED Display' at the same time.
5. During operating, users can press the 'Display' key to view the remaining time. The remaining time will be shown on the 'LED Display' for about 5 seconds and then the current speed value will be shown again.
6. During operation, you may press the 'Start/stop' key to stop operating anytime.

Remarks:

1. 'Display (rpm/time)' key is workable only under **Timer** mode.
2. To change the operation mode (Timer or Cont. mode), users have to press the 'Start/Stop'

key first and then press 'Timer / Cont.' key to change the operation mode as per your request.

Service Manual for Digital Rotator

Troubleshooting Guide

Caution: Always disconnect the power cord before troubleshooting.

Trouble	Cause	Remedy
Instrument inoperative	Power cord not connected to outlet.	Plug in the power cord.
	Dead power output.	Change to different output.
	Fuse blown.	Change a new fuse.
	Defective electronic component.	Contact your distributor for repair.
Platform doesn't rotate	Power switch is at "O" position.	Switch on the power at "I" position.
	Start/Stop key is not pressed.	Press the Start/Stop key.
	The connection of platform and the motor is not well.	Contact your distributor for repair.
	PC board is broken.	Contact your distributor for repair.
Platform keep rotating when time is up	PC board is broken.	Contact your distributor for repair.
Power switch can not light up	The power switch is broken.	Contact your distributor for repair.
Speed is abnormal	PC board is broken.	Contact your distributor for repair.
No signal on LED DISPLAY	PC board is broken.	Contact your distributor for repair.

CIRCUIT DIAGRAM

