



Laboratory Equipment Manufacturer
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Operation Manual for Small Orbital Shaker **DOR-2828**



PLEASE READ THIS MANUAL CAREFULLY BEFORE OPERATION

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INSTRUCTION MANUAL

- (1) PLATFORM
- (2) SWITCH (TIMER/OFF/CONT)
- (3) TIMER
- (4) SPEED CONTROL
- (5) POWER INDICATOR



1. Connect the power supply.
2. Place the specimen fixing on the “PLANTFORM” (1).
3. Select the switch model. You can place the “SWITCH” (2) at “TIMER”, “OFF”, or “CONT” position.
When the “SWITCH” is at “TIMER” or “CONT” position, the “POWER INDICATOR” (5) lights.
4. Turn the “SPEED CONTROL” (4) to a required speed.

Remarks: TIMER – After you place the “SWITCH” at “TIMER” position, you can turn the “TIMER” (3) to a required scale. There is a bell sound to be heard when the setting time is end.

* How to set the “TIMER” (3) correctly?

Turn the “TIMER” (3) over the required scale, then return the time calibration as a required scale. (For instance, you need 5 minutes for rotation, but you need to wind to 7 or 8 minute scale at first, then return back to 5 minute scale.)

CONT – It is a time free device, switch to “OFF” then stop.

OFF – Power cut off.

Service Manual for Rotator DOR-2828

Troubleshooting Guide

Caution: Always disconnect the power cord before troubleshooting.

| Trouble | Cause | Remedy |
|----------------------------------|---|---|
| Instrument inoperative | Power cord not connected to outlet. | Plug instrument in.. |
| | 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 | Switch is at "OFF" position | Place the Switch at "CONT" or "TIMER" position. |
| | Timer is not set. | Turn the timer to a required scale. |
| | Switch is broken. | Contact your distributor for repair. |
| | Timer is broken. | Contact your distributor for repair. |
| | Motor is broken. | Contact your distributor for repair. |
| | PC board is broken. | Contact your distributor for repair. |
| Platform can't stop rotating | Timer is broken. | Contact your distributor for repair. |
| | Switch is broken. | Contact your distributor for repair. |
| | PC board is broken. | Contact your distributor for repair. |
| Power indicator can not light up | The wiring of PC board and the power indicator is not well. | Contact your distributor for repair. |
| | The power indicator is broken. | Contact your distributor for repair. |
| Timer is not accurate | Timer is not set by the correct procedures. | Read the operation manual and set it again. |
| | Timer is broken. | Contact your distributor for repair. |

CIRCUIT DIAGRAM

