# INSTRUCTION MANUAL

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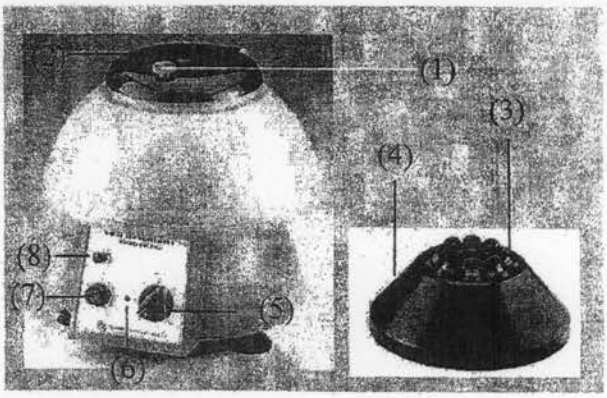
# INSTRUCTION MANUAL FOR

# LCEN-101

## Clinical Centrifuge

# INSTRUCTION MANUAL FOR CENTRIFUGE

(1) LOCK
(2) LID
(3) TUBE HOLDER
(4) ROTOR
(5) TIMER
(6) POWER INDICATOR
(7) SPEED CONTROLLER
(8) MANUAL BRAKE




1. Connect with power supply.
2. Press and turn the "LOCK" (1) left or right to open the "LID" (2) of the centrifuge, then, place the tubes with specimen (each tube must be an equivalent in weight) into the "TUBE HOLDER" (3), and then insert them into the "ROTOR" (4). If only one specimen is tested, you should put other empty tubes with water in equal weight together with "TUBE HOLDER" (3) into the Rotor for centrifugal.
3. Put the "LID" (2) down gently, and turn and press the "LOCK" (1) left or right to close the "LID" (2).
4. Turn the "TIMER" (5) over the required scale, then return the time calibration as required scale. (For instance, you need 5 minutes for centrifugal, but you need to wind to 7 or 8 minute scale at first, then return back to 5 minute scale.) Then, "the "POWER INDICATOR" (6) lights up.
5. Adjust the "SPEED CONTROLLER" (7) to a required velocity scale.
6. The centrifugal time reaches to the end, then a sound "DON" to be heard.
7. If you want the machine stopping by " MANUAL BRAKE" (8), you have to wait for the working time to the end or turn the "TIMER" (5) back to "0" position, then press the " MANUAL BRAKE" (8) until the machine stops.
8. After the "ROTOR" (4) stops completely, open the "LID" (2) and take out the specimen.

**Remark:**

During the operation, there are two methods ((1) and (2)) to stop the machine emergently.

(1) Open the Lid, and then the safety switch device will cut off the power. The machine will stop in minutes.

(2) Turn the "TIMER" counterclockwise to "Zero", and then you will hear the sound "DON". The machine will stop in minutes.

Be noted that you can open the "LID" (2) only after the "ROTOR" (4) stops completely.

# Circuit Diagram