



# Operation Manual



BTUR-101

## Tube Roller

Thank you for Choosing Biolab products. Please read the “Operating Instructions” and “Warranty” before operating this unit to assure proper operation.

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# 01 Installation instructions

1. Unpack and place the instrument on a stable and non-slip surface.
2. Ensure good working environment free of hazardous and flammable substances.
3. Place the unit at >10cm distance from other objects to allow good ventilation & performance.
4. When setting the rotation speed of the instrument, please make sure that the vessel is airtight and fixed, avoid Sample overspill.
5. Ensure that the label indicated the correct voltage before connecting the device to power supply.
6. Do not operate the unit with a damaged power cord
7. Connect the power cord to the unit in the socket provided
8. Switch power ON to see normal screen display.

# 02 Operating procedure

## **LCD Digital Tube Roller:**

1. After power on, the instrument starts to self-check and the screen displays the last run parameters.
2. Set the target speed by rotating the adjustment knob in rotation speed mode slowly to desired setting.
3. Rolling function is switched ON by pushing the adjustment knob.
4. Press the mode key, the LCD flashes and displays the time.
5. Set the target time by rotating the adjustment knob in timer mode slowly to desired setting.
6. The set values can be confirmed and rolling is switched ON by pushing the adjustment knob.
7. The LCD displays the set and operating speed and time.
8. The system stops automatically once the set operation time is complete or switches power OFF to stop operation while the beep sounds, indicating the set time is over.
9. The speed and timer settings of the instrument can be changed at any time. Note: If **Set** appears during adjustment, then current LCD display indicates the set value. While after some time, the **Set** disappears, indicating the current LCD display is actual operating value.

### Classic Tube Roller:

1. Switch power ON and the instrument will start to self-check.
2. Place the capped tubes with liquid on the rollers.
3. Set the target speed by rotating the speed control knob slowly to desired setting.
4. Rotate the speed adjustment knob to the leftmost position or Switch power OFF to stop the rolling operation.





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