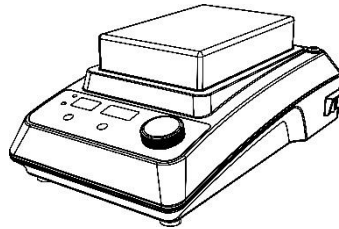




# LED Digital Dry Bath (120°C)

Ver.20221110

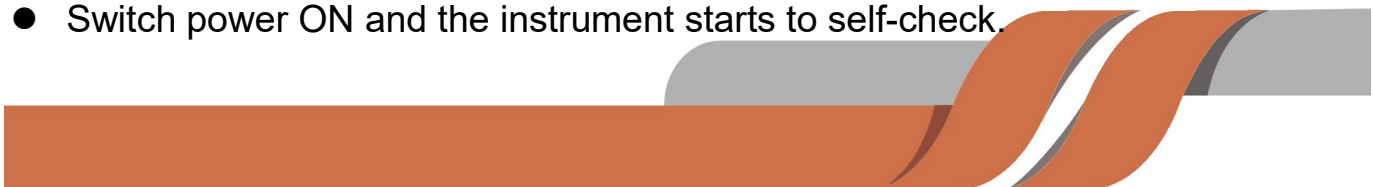


## Installation Instructions

1. Unpack and place the device on a stable, non-slip, dry and fire proof surface.
2. While working wear personal safety guards to avoid the risk from:
  - Splashing and evaporation of liquids
  - Release of toxic or combustible gases
3. Ensure that the temperature must always be set atleast 50°C lower than the fire point of the media.
4. Please pay attention to avoid the following dangerous operation:
  - Using flammable samples with low boiling point
  - Stirring samples overfilled
  - Using unsafe container
5. Use only capped tubes for heating pathogenic samples.
6. Ensure that the instrument and its accessories are free from damages before use.
7. Accessories must be used only in accordance with the manual.
8. Accessories must be firmly connected to the instrument in a way that avoids separations.
9. Connect the power cord to the device in the socket provided.
10. Ensure that the label indicated correct voltage before connecting the device to power supply.
11. Ensure that the main power supply cable does not touch the hotplate.
12. Do not operate the device with a damaged power cord.

## Operating Procedure

- Insert the centrifuge tubes with samples on to the block placed in the dry bath.
- Put the sample into the module.
- Switch power ON and the instrument starts to self-check.





## Set the target temperature and start heating:

- Press the temperature button and it's value starts to blink.
- Rotate the parameter setting knob to desired setting
- Press and confirm the set temperature for heating
- The LCD displays the actual temperature only during operation.

## Set the target time and start Operation:

- Press the timer button and the timer gets into adjustment mode.
- Rotate the parameter setting knob to set the target time.
- Press and confirm the set target time for heating.
- The device will enter into continuous operation mode if the target time setting is zero.
- The device will stop automatically once the set time reaches zero or by pressing the parameter setting knob at any time.
- Press the parameter setting knob to enable/disable the heating function.

## Calibration:

- Put the silicone oil into a suitable test tube, and put the tube into the metal bath module. Then put the thermometer test line into the silicone oil in the test tube.
- Press and hold the adjustment parameter knob and switch on the power, until the display switches to the self-calibration mode. Turn the knob to set the target temperature to 70°C, press the knob to start running, wait 30 minutes for display blinking. Inputting the temperature of the temperature gauge into the instrument, press the knob to end the single point calibration.
- Restart the dry bath, adjust target temperature to 70°C, press the parameter knob, retesting temperature, make sure the temperature gauge is consistent with the displayed temperature within  $\pm 0.5^{\circ}\text{C}$ .

***If the above operations are normal, the device is ready to operate. If not, the device may be damaged during transportation. Please contact the manufacturer/ supplier for technical support.***



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