Monad

HFM 200 High Flux Muti-Metal Incubator Quick Guide

Version 1.0

1. Take out the instrument and place it on a horizontal platform. Make sure that the power switch on the back of the instrument is on the "O" side.

2. Connect the power supply, press the power switch to the "I" side, the screen will light up, and the instrument will perform a self test. After passing the self test, the screen will display the real-time temperature of each area.

3. All the four temperature areas are preset with common reaction temperatures. Click the temperature setting button displayed on the screen, and then click the time display and setting button to adjust the running time. Then click " ▷ ", and the temperature area enters the state of variable temperature.

4. It' ll start timing when the temperature reaches the set value; click " ■ ", the temperature area will stop working.

5. Setting instructions:

   a. Preset temperature modification: If the preset temperature of the instrument is not the reaction temperature required for the experiment, you can change the temperature by the following method: firstly, determine the temperature area where the required temperature is located. Long press any preset temperature button in the temperature area, and it will pop up a temperature setting interface, just click "OK" after adjusting the settings.

   b. Time setting: Click the time display and setting button of the temperature area, and the time setting window will pop up. Select the required time, then click "OK". Please note the longest time setting is "23 h 59 min 59 s".

   c. Timing status: If the running time has been set in this area, it' ll start to count down when the area reaches the preset temperature. After the countdown, the area stops working and the temperature will gradually return to the ambient temperature. If the running time is not set, the timing area will start to count when it reaches the set temperature.

7. At the end of the experiment, please take away the samples. Press the power switch to the "O" side, and pull out the power plug from the socket.

⚠ Note: Please be careful not to get burned when operating.

Display screen

Real-time temperature

Time display and setting button

Free combination temperature area (30~110℃)

96-well PCR plates / 8-strip PCR tubes adapter area (30~110)

1.5/2.0 ml Centrifuge tube adapter area (30~110℃)

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95.0℃ 00:00:00   55.0 ℃   55.0 ℃   50.0 ℃   ▷

36.0℃ 00:00:00   55.0 ℃   55.0 ℃   50.0 ℃   ▷

95.0℃   00:00:00   36.0℃   00:00:00

99.9 ℃   95.0 ℃   85.0 ℃   99.9 ℃   95.0 ℃   80.0 ℃

60.0 ℃   50.0 ℃   ▷   55.0 ℃   50.0 ℃   ▷

Temperature setting button

Run/stop button