



YP-3000 INFANT INCUBATOR

Simple operation manual



www.chinadavid.cn

CONTENS

1、Interface presentation.....	2
1.1、Display panel under incubator mode	2
1.2、Display panel under warmer mode	3
2、Operate as incubator	4
2.1、Use The Air Mode.....	4
2.2、Use The Skin Mode.....	4
2.3、Use The Humidity Control System.....	5
2.4、Use The Oxygen Concentration Control System.....	5
2.5 、Use The Pulse Oximetry.....	7
2.5.1、Use The SpO2 Detection Function	7
2.5.2、Use The Pulse Rate Detection Function.....	8
2.6、Use The Weighing System.....	8
3、Operate as warmer	10
3.1、Use The Skin Mode.....	10
3.2、Use The Manual Mode.....	10
3.3、Use The Pre-warm Mode	11
3.4、Use The Timing Function	11
4、Use The whole lifting and Canopy lifting function	12
4.1、Use The whole lifting function.....	12
4.2、Use The Canopy lifting function.....	12

NOTE: Simple operation manual can't be used to replace operation manual ,please read the manual carefully before operation.

Simple operation manual described the main operation method, other operation details and other content please refer to operation manual.

1、Interface presentation

1.1、Display panel under incubator mode



1. Air temperature information display area

2. Skin temperature information display area

3. Display area of Heating rate

4. Display area of humidity Information

5. Display area of oxygen concentration information

6. Oxygen saturation display area

7. Pulse display area

8. Menu key

9. Curve key

10. Blood oxygen module key

11、Weighing key

12、Display area of daily information

13、Home key (return to main interface)

14、Keyboard lock key

"  " Lock "  " Unlock

15、Alarm silence key

1.2、Display panel under warmer mode



1.Skin temperature information display area

6. Timer display area

2.Pre-warm mode icon

7. Keyboard lock key

"  " Lock "  " Unlock

3. Display area of Heating rate

8. Oxygen saturation display area

4. Manual mode icon

9. Alarm silence key


5. Display area of daily information

10. Pulse display area

2、Operate as incubator


2.1、Use The Air Mode



In the unlock state, click on the air temperature information display area and select "  " to set the temperature control value, click "OK" to confirm .


2.2、Use The Skin Mode



In the unlock state, click on the skin temperature information display area and select "  " to set the temperature control value, click "OK" to confirm .


2.3、 Use The Humidity Control System




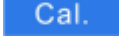
When the keypad lock is open, click the humidity information display area and select the "  " humidity custom button in the interface to turn on the module, set the control value and click "OK" to confirm .

2.4、 Use The Oxygen Concentration Control System



Under the keypad lock opening condition, Click on the oxygen concentration information display area and select the "  " O₂ custom button in the interface to turn on the module, set the control value and click "OK" to confirm .

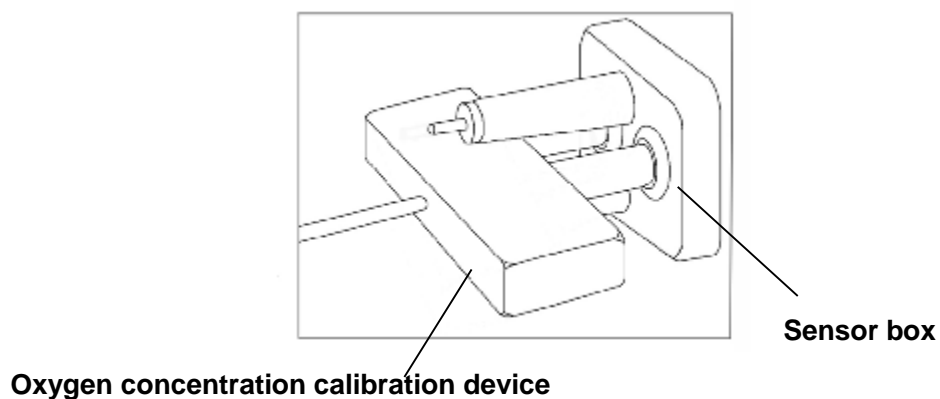
21% OXYGEN CONCENTRATION CALIBRATION



A. In the unlock state, Click the system menu button " , and select the "  Cal. " button to enter the oxygen concentration calibration interface. Click on the "21%" calibration button shown in figure, the controller can calibrate 21% oxygen automatically and the indicator display the "Calibration Successful ", After calibration, the oxygen concentration display the calibration value.



100% OXYGEN CONCENTRATION CALIBRATION

A. Turn off the controller, connect the oxygen calibration device which equipped with oxygen connecting pipe to the sensor box, supplying the device with 100% oxygen for more than 2min.






B. Turn on the controller and under the keypad lock opening condition, Click the system menu button"  ", and select the "  " button to enter the calibration interface. Click on the "100%" calibration button and the indicator display the "Calibration Successful ".After calibration, the oxygen concentration display the calibration value.

2.5 、 Use The Pulse Oximetry




2.5.1、 Use The SpO2 Detection Function





In the unlock state, click on the Oxygen saturation display area and select “  ” to turn on the module switch, select the “  ” upper limit setting button or “  ” lower limit setting key to set the alarm value, click "OK" to confirm .

2.5.2、 Use The Pulse Rate Detection Function





In the unlock state, click on the Pulse display area and select “  ” to turn on the module switch, select the “  ” upper limit setting button or “  ” lower limit setting key to set the alarm value, click "OK" to confirm .


2.6、 Use The Weighing System

In the unlock state, click the weighing key " " and select the scale key "  ", the indicator displays the operate hint, users can weighing according to the hint.




CALIBRATION OF WEIGHT SENSOR

When the keyboard lock is open, click the system menu key “”, select the “” key, enter the weighing calibration interface.

A. Remove all items from the crib and make sure the bed surface is clean. Click the “” zero key.

B. After a few seconds, the display window should shows” Calibration Successful”. If exceeds above range, please press reset key again.


C. Place the 5000g standard weight on the baby scale, then press the “” calibration key, the system enters the calibration state, the display shows” Calibration Successful”. If exceeds above range, please press reset key again. If the displayed value cannot always reach the range .the electronic scale must be delivered to authorized qualified service personnel for repair.



3、Operate as warmer


3.1、Use The Skin Mode



In the unlock state, click on the skin temperature information display area and select "  " to set the temperature control value, click "OK" to confirm .


3.2、Use The Manual Mode



In the unlock state, click on the skin temperature information display area and select "  " to set the heating rate, click "OK" to confirm .



3.3、 Use The Pre-warm Mode



In the unlock state, click on the skin temperature information display area and select "  " pre-warm mode button in the interface to use the pre-warm mode.

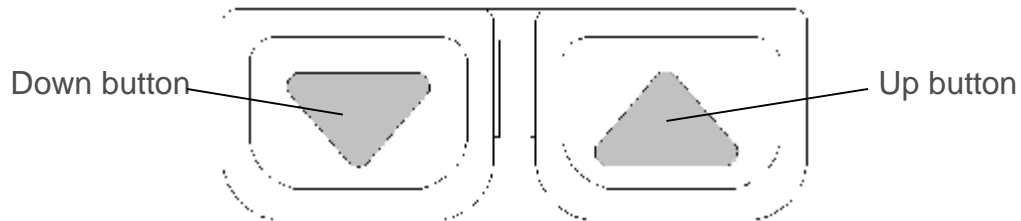
3.4、 Use The Timing Function



When the keyboard lock is open, click on the Timer display area and select "  " APGAR timing button or "  " CPR timing button to use the timing function.

4、 Use The whole lifting and Canopy lifting function

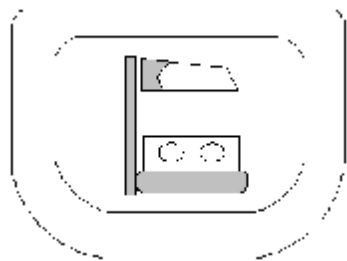
4.1、 Use The whole lifting function



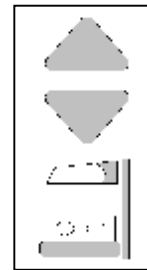
Press the Down button or the Up button can adjust the bed height of incubator.

NOTE: The VHA Stand is only for intermittent operation, after finished a up or down, it must wait 30 seconds before operation.

4.2、 Use The Canopy lifting function



Canopy foot treadle



Canopy Lifting control button

Tread the foot treadle or press and hold the up button for three seconds, the canopy will auto rise to the highest position, equipment operate mode changed from incubator mode to warmer mode.

Press the down button and hold the down button until equipment operate mode changed completed.

NOTE: The foot treadle only use for rise the canopy. If you need to decline the canopy, you must press the down button.

NINGBO DAVID MEDICAL DEVICE CO., LTD.

TEL: (0574) 87800002、87801003
<http://www.nbdavid.com>

FAX: (0574) 87801111