DHM-900S
DHM-900A
DHM-900B
DHM-900C

USER MANUAL

Height probe part

Handle
(optional)

Screw to fix the
fat mass handle

Main Frame

BP part
(optional)

Blood Oxygen
(optional)

Platform

Temperature
(optional)

Foot

M8×25 Screw
& Spring washer

picture 1   picture 2   picture 3   picture 4
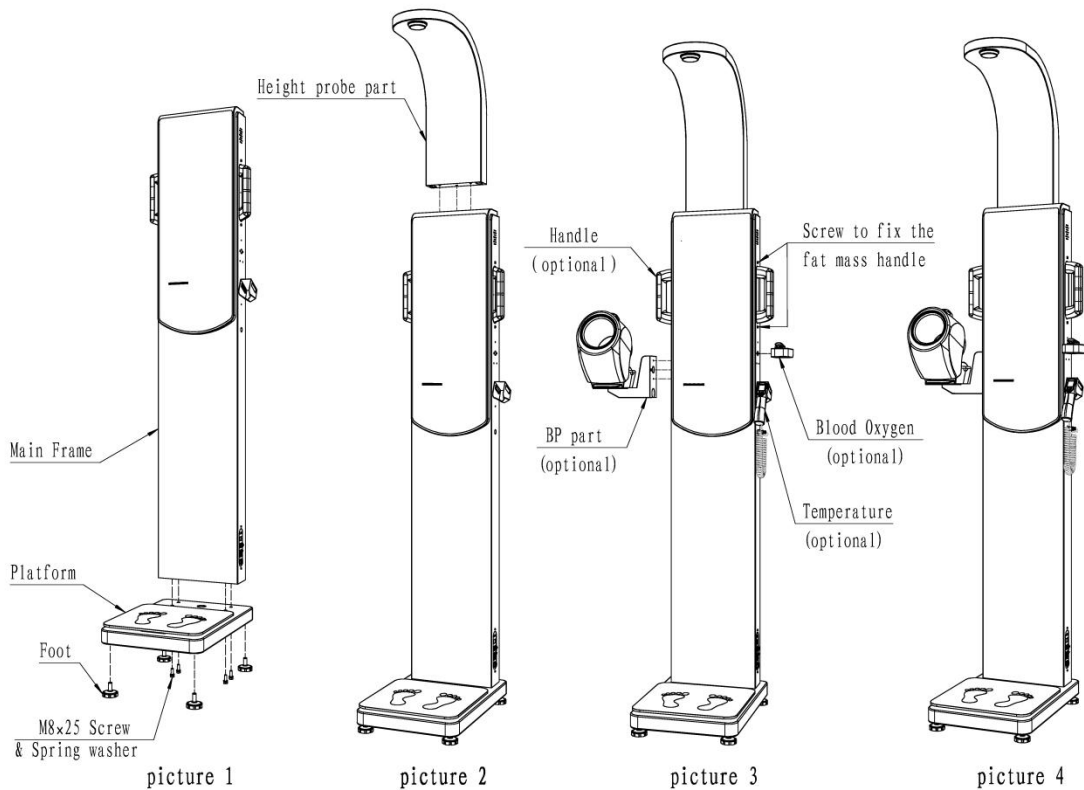
Installation：

    1. Open the Cartons and check all spare parts（Including platform, Main frame, head part ,blood pressure(optional),Blood Oxygen(optional) , Temperature (optional) and foot）;

    2. As shown in picture 1, connect the machine with basement by M8 bolt, then plug and screw aviation plug of weight sensor into lower body machine (as shown in step 1).

    3. As shown in picture 2, turn the upper body machine into   vertical position and fasten the lock catch between upper and lower body machine.

    4. As shown in picture 3, Connect the height accessories with upper body machine by fasten M5 screw and insert the plug of height probe into main board.

    5. If there is blood pressure machine, connect the blood pressure machine with lower machine (as shown in picture 3 and fasten 2 M4 screws from inside of the body machine. Then insert the cable and plug in to main board.
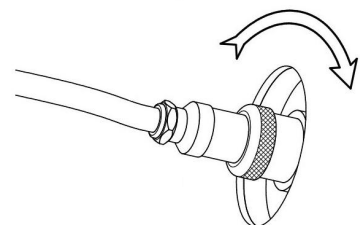
    6. If there is body fat monitor, connect the cable of body fat to the mainboard.

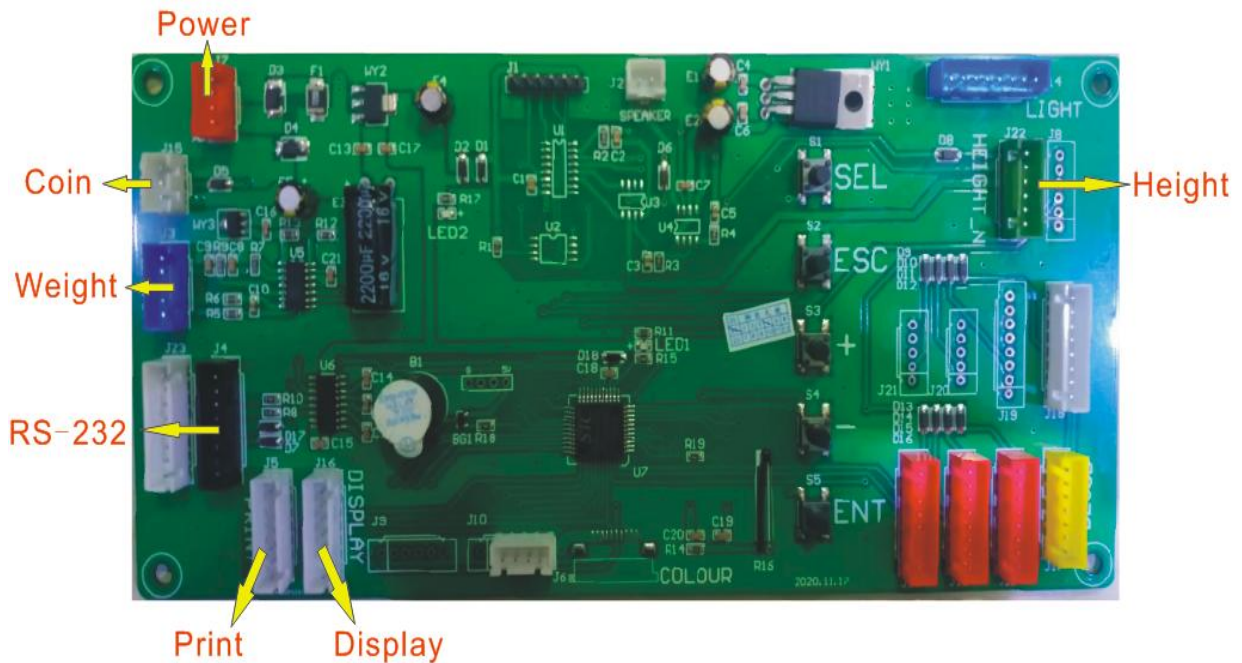   7. If there is blood temperature and blood oxygen, please install it and connect cable

step1
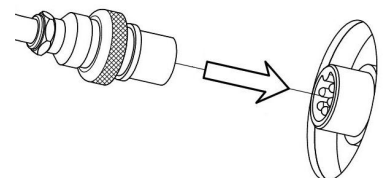
step2

8. Diagrams of Main Board

Operation:

Turn on: connect the power supply wire, turn on the machine, the screen would show you initializing information (the state of display module, height measurement module, blood pressure module, fat module, print module and weight measurement module etc.).

Attention: please make sure the voltage of power supply is DC 12V, and there should be nothing heavy on the platform.

MEASUREMENT：

Step1：**Activate the machine**

  1：Stand on the platform(or Press START)

  2：Insert the Coin (when the machine equipped with the coiner)

Step2：**Measure height and weight**. Please stand straight on the platform, the person is supposed to stand stably and keep the body straight, and do not look around or shake the body, all of these are intended to get a faster and more accurate result.

Step3: **Measure the Fat rate and Fat mass.** After the height and weight measurement is finished, press the "NEXT" button, then it will display measure Fat Screen, click on the age input box, enter your age and choose

gender, Click on the "Start" button and start measure fat, hold the fat meter with both hands, arm straight.

Note: If the machine does not have the function of measure Fat, please directly into the NEXT step.

Step4:   **Measure Blood oxygen saturation:** Body Fat ends. Please press the "Next", measure blood oxygen according to the machine Voice prompts, When the measurement result is displayed, the entire measurement is finished.

   Note: If the machine does not have the function of measure Blood oxygene, please directly into the next step.

Step5:   **Measure body temperature:** Blood oxygen ends. Please press the "Next", measure body temperature according to the machine Voice prompts, When the measurement result is displayed, the entire measurement is finished.

Note: If the machine does not have the function of measure body temperature, please directly into the next step.

Step6:   **Measure Blood pressure and Pulse:** Body temperature ends. Please press the "Next", then put the arm (suggest right arm) into the blood pressure monitor, and press the "START" it will measure your blood pressure. Blood pressure measurement takes some time, when you are measuring blood pressure please relax, do not move nor speak, otherwise it will cause measurement error or even measurement failure. If the measurement fails, you can press the blood pressure measurement button again to make another measurement. When the measurement result is displayed, the entire measurement is finished.

Note: If the machine does not have the function of measure blood pressure, please directly into the next step.

Step7:   Print measurement result. Click the "Next" button to print measurement result.

● **Setting：**

Power
Coin
Weight
RS-232
Print
Display
LIGHT
Height
SEL
ESC
+
−
ENT
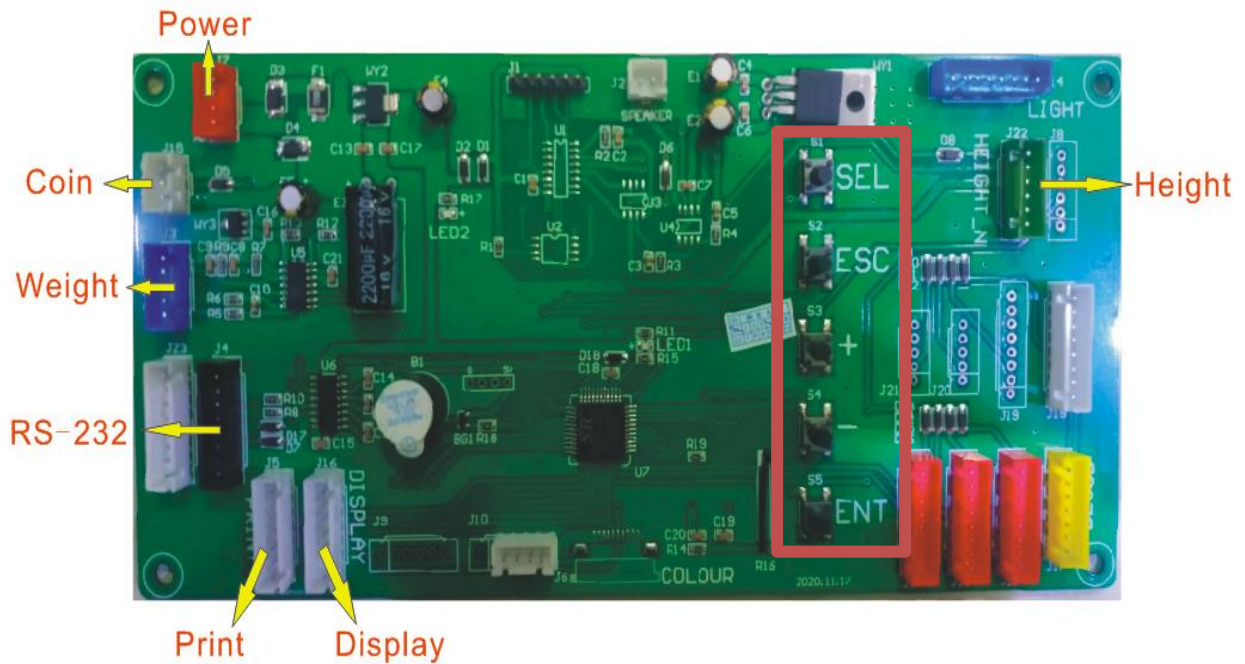
● **All functions are set and adjusted by keys on the main board (+ - SEL ENT ESC).Please look at the diagram of the main board.**

When the machine in the standby (not measure and not menu adjustment), press ENT button, the screen of machine will displays a menu item (as picture):

［Exit］

Height＆Weight Calibration	Voice
Print	System
Factory Reset	

4
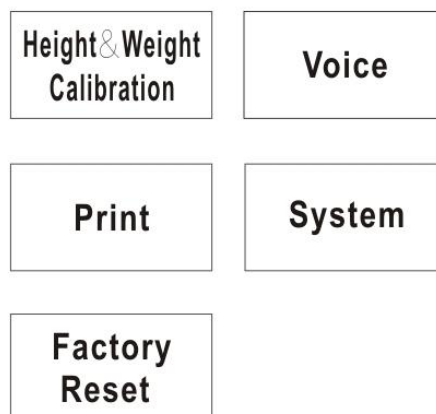
Height &Weight Adjustment：

Press the Height&Weight Button;

1. Division of Height Setting (default setting: 0.5cm)

2. Division of Weight Setting (default setting: 0.1kg)

3. Height Calibration:
Put something with confirmed weight(such as160cm)) on the saddle. Press 'Measure', it will display height, if the height is not correct, please press ⬆or ⬇to adjust the display height.

4. Weight Calibration:
Put something with confirmed weight(such as10KG) on the saddle. Press 'Measure', it will display weight, if the weight is not correct, please press ⬆ or ⬇ to adjust the display weight.

Press SAVE to save the setting and exit ;
Press EXIT to cancel the setting and exit

Voice Setting： Press the Voice Button
1. Voice setting
Tick video：Play video on standby
Tick measuring results: Voice broad the measuring results
Tick Static voice: Voice broad static voice

2. Display time of measuring results
   Static voice interval

3. Volume
Volume of measuring results
Volume of video
4. Timeout set
   Height&Weight：EXIT when time out
   Coin : EXIT when time out
   Print：EXIT when time out

Press SAVE to save the setting and exit ;
Press EXIT to cancel the setting and exit

5

［Return］ Height＆Weight Calibration

Height Calibration

| Division of Height | Height | ［Measure］ |
| 1 0.1cm / 0.5cm | 3 cm | Value / ［↑］ Adj. ［↓］ |

Dead Zone
1 5
2
3

1.Put something with confirmed height on the platform.
2.Press Measure Button to start measurement.
3.Press Height Area to input the accurate height after the Height data is stable.
4.Press the Measure Button again to confirm the height data correct.

Weight Calibration

| Division of Weight | Weight | ［Measure］ |
| 2 0.1kg / 0.5kg | 4 kg | Value / ［↑］ Adj. ［↓］ |

1.Put something with confirmed weight on the platform.
2.Press Measure Button to start measurement.
3.Press weight Area to input the accurate weight after the weight data is stable.
4.Press the Measure Button again to confirm the weight data correct.

［**Save**］

［Return］ Voice Settings

Video Display
1 Measurement Results
Voice Prompt
Slogan

Measuring Results
2 S
Cycle Interval of Slogan
S

Volume of Video 3
Volume of Voice

［TEST］

Timeout Settings(s)
Height＆Weight
Coin
Print
Body Fat 4
Blood Pressure
Body Temperature
Blood Oxygen

［**Save**］

Print setting：
Press the Print Button

1 Cutter（default setting:half）
2 Content of print
    Tick the items
3 Header and Footer
  Click the input box

Press SAVE to save the setting and exit ;
Press EXIT to cancel the setting and exit

System ：

Press the SYSTEM Button
1. Date & Time
  Click the input box to change the date and time

2. BMI Range（default setting 18.5-24.9）.
  Click the input box to change.

3. Coin Setting
  Number of Coins：the number of coins when the   machine needs to start working.
  Pulse: the number of pulse when the coiner accepts one coin
4. Cumulative measured value

5. Static text

Press SAVE to save the setting and exit ;
Press EXIT to cancel the setting and exit

RESTORE FACTORY SETTINGS：

Press RESTORE FACTORY SETTINGS

[Exit]

Height&Weight
~~Calibration~~

Voice

Factory Reset?

［**Return**］ ［**Confirm**］

~~Factory~~
Reset
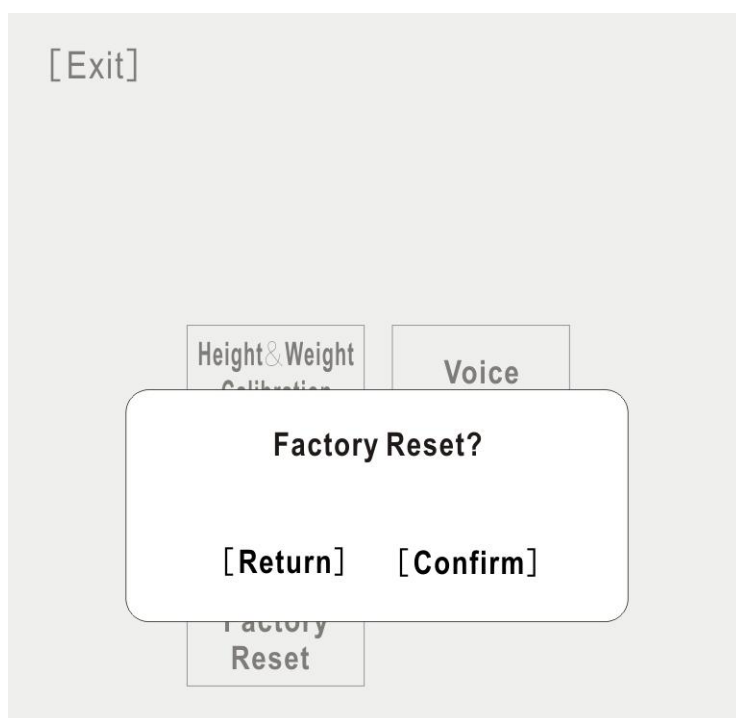
Instruction of changing the thermal Paper

First: Make the axis threads the printing paper and fix them on the frame (picture 1)

Second: Open the paper roll, tear the opening place and make sure the tearing place is flat and straight (picture 2)

Third: Put the paper in the paper slot; make sure the paper is stable during the process of putting paper. The paper can come into the printer automatically (picture 3)

Forth: After putting the paper, then try to print to see if the paper can come from the out cover smoothly. If the paper can't come out, then examine the printer to see if the paper was blocked in the printer.(picture 4)

Instruction for Installing and Usage of Coin Acceptor (616)

Press the accurating key (10) and broaden key(11) on the display panel at the same time for about 2 seconds , you will see the letter A on the display panel, (when the file A/B turn in to A) and at this time you can set up the numerical value of the interior.

1. Pressing the setting key (80, and then you will see the letter E,(choosing several currency system),after that you can press the accurating key or broaden key to increase or decrease the numerical value. After setting up, please press the setting key to confirm.
2. Appearing the letter H(the quantity of sampling for various currency value)
3. Appearing the letter P(the numerical value for signal output of various currency value)
4. Appearing the Letter F(the precision of various currency)
5. By parity of reasoning, setting is finished with your chosen currency. When the letter E is shown, please turn off the power and it will reopen again.

P.S

E: Choosing several currency value. (1-6)
H: Quantity of sampling for various currency value (1-20Pieces)
P: The numberial value for signal output of various currency value (1-50)
F: The precision of various currency value. (1-20, the smaller the number is, the more accurate the precision is. Suggesting number: 8)

Setting Key: SET   Confirming Key

Accuracy: Numberial Value '+"   A–B Can be set two at the same time
Broaden: Numberial Value '-"   the currency value of different countries