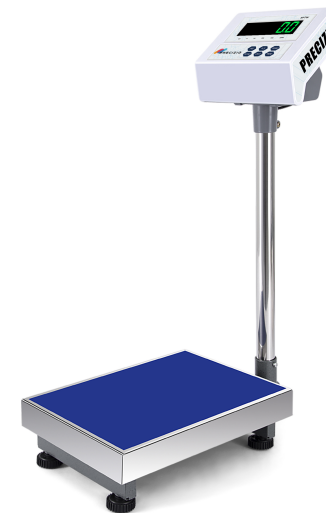




Operation Instruction

BP7W Platform Scale



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VI. Repair and Maintenance



Disconnect the unit from the operating voltage before carrying out any maintenance, cleaning and repair work.

1. Cleaning

This device can be cleaned gently with a soft cloth and toothpaste, never with aggressive cleaning agents (solvents or similar). Do not allow any liquids to be splashed into the unit.

2. Services and Maintenance

The inside of the unit can only be opened by authorized and trained service technicians. Disconnect the power supply before opening the inside of the unit.

3. Troubleshooting

Fault phenomenon	Possible causes	Troubleshooting
Display does not light up	<ol style="list-style-type: none"> 1. The equipment is not normally connected to the power supply 2. The power cord is damaged or defective. 3. The motherboard is damaged. 	<ol style="list-style-type: none"> 1. Re-switch the device or re-plug the power supply. 2. Replace the power cord and make sure that both ends of the power cord are firmly connected. 3. Replace the motherboard
Unstable reading	<ol style="list-style-type: none"> 1. Unstable working table or the working environment is not good. 2. Incorrect supply voltage 3. The motherboard is damaged. 	<ol style="list-style-type: none"> 1. Improve working conditions to reduce vibration 2. Switch to the correct power supply 3. Replace the motherboard
Display overload	Device overload	Removing items from the weighing disc
The equipment has a large measurement error	<ol style="list-style-type: none"> 1. The screen is not zeroed before weighing the object. 2. Balance is not calibrated or calibration weights are inaccurate 	<ol style="list-style-type: none"> 1. Press the tare button before weighing. 2. Put the standard weights on the weighing disc and compare the values, please refer to the calibration procedure to re-calibrate the equipment.
Equipment does not weigh	<ol style="list-style-type: none"> 1. The main board to burn out. 2. The sensor is damaged 	<ol style="list-style-type: none"> 1. Replace the main board 2. Replace the sensor

confirm.

- c. If the display does not show '9600', press the **FUNC** button until it show 9600.
- d. Press the **PRT** button again to confirm.
- e. Press **FUNC** button again and 'F9-odE' is displayed. Press the **PRT** button to confirm.
- f. Press the **FUNC** button again and the screen will cycle from '0' to '5'.
 - '1' indicates manual print mode. In this setting, simply press the '**PRT**' button to print.
 - '2' corresponds to the stable print mode. In this setting, the scale will print once the weight has stabilized.
 - '3' corresponds to the continuous printing mode. With this setting, the device will print continuously.
- g. After selecting the output mode, press **PRT** button to confirm.
- h. Switch off and switch on the device again and the setting is complete.

6. RS232 printout settings (optional)

Firstly, follow the steps above (Step 5) to set the device system to the desired baud rate and print mode

Second, the device needs to be connected to the computer via an RS232 to USB serial data cable (not included) and serial debugger.

The Serial Debugger is a serial communications terminal programme that sends and receives bytes to and from devices connected to the COM port of the computer.

Steps to use the Serial Debugger :

- a. Connect the balance to the computer using the RS232 cable, open the Serial Debugger and select the COM port.
- b. Baud Rate : 9600 Data Bits : 8
Parity : None Stop Bits : 1
- c. Open the serial port

V. Warranty

Warranty: 12months

In the warranty period: due to non-human factors, the damaged products will receive our free spare parts with technical guidance

I. Overview

Thank you for purchasing the platform scales (LED type). In order to install and operate the product safely and accurately, and to make full use of the functions of the product, we recommend that you read the product manual in detail before use, and keep it in a safe place for your future reference. When installing and operating the product, please observe the operating procedures and precautions in this manual, and do not repair the product by yourself or leave it to the unauthorized maintenance department of the company if there is a major fault.

Caution:

Disconnect the unit from the power supply when installing or moving the unit.

Do not mix incompatible materials on the weighing disc.

Do not exceed the maximum weighing capacity of the device when weighing, this may damage the weighing system.

Do not operate the product in explosive atmospheres, this version does not have explosion-proof safety settings.

Do not throw objects onto the weighing discs.

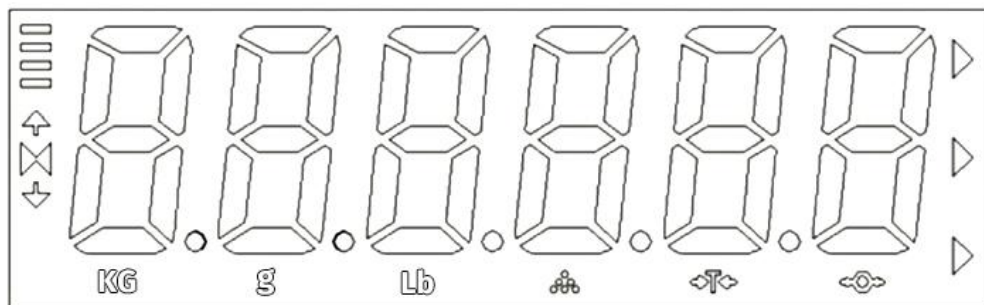
Do not modify the construction of the product, as this may lead to inaccurate weighing results, safety-related errors or destruction of the product.

II. Main technical parameters

1. Electronic platform scales

Model	60kg	100kg	150kg	200kg	300kg	500kg
Readability-a	1g	1g	2g	5g	5g	20g
Readability-b	2g	2g	5g	10g	10g	50g
Readability-c	/	5g	10g	20g	20g	/
Model	/	10g	20g	/	50g	/
Unit conversion	Kg/g/ lb					
Display	LED					
Function	Tare, counting, zero, overload alarm, Dynamic measurement, peak hold, upper and lower limit alarm, printing(optional)					
Calibration	External Calibration					
Pan size	30*40cm, 40*50cm, 45*60cm, 60*80cm					
Optional	RS232 Interface , Printer					
Working conditions	0° C to 40° C , AC 100-240V, 50-60 Hz					

2. Description of the display and buttons



commonly used in functions such as weighing animals. Other key functions are not affected.

4.3 hold mode

- Long press on the **FUNC** button, Then short press the **FUNC** button until see "3 hold".
- Press the **PRT** button to confirm entry into peak hold mode, At this point the screen shows 0. Other key functions are not affected.
- In this mode, press the **FUNC** button once for open hold model. Press **FUNC** button again for off.

In the switched-on state, the peak value of the measured weight is recorded and retained. When subsequent measurements are not greater than the retained value, the retained value is still displayed. When the subsequent measurement exceeds the current peak value, the current value is replaced.

4.4 alar mode

- Long press on the **FUNC** button, Then short press the **FUNC** button until see "4 alar".
- Press the **PRT** button to confirm entry into the upper and lower limit mode, At this point the screen shows 0. Other key functions are not affected.
- Press the **FUNC** button to set the lower limit value,
- press the **PRT or UNIT** button to shift, the **FUNC** button can adjust the current value.
- after setting, press the **PRT** button to shift to the end.
- then press **PRT** button again to confirm the lower limit value. at the same time, the system has entered the upper limit value setting.
- Press the **PRT or UNIT** button to shift, the **FUNC** button can adjust the current value,
- after setting, press the **PRT** button to shift to the end.
- then press the **PRT** button again to confirm the upper limit value. at this time, the system has automatically entered the alarm mode of upper and lower limits, and the screen is 0.

5. General print mode settings

Printing modes are divided into: manual printing, stable printing and continuous printing.

- Switch on the power and press **TARE** once and **ZERO** twice quickly before the display is zeroed. After a few seconds the display will show 'F1-diu'.
- Press the **FUNC** button until the display shows 'F8-bud', and then press **PRT** button to

3. Press the PCS button to count

The device has a counting function, and its sampling quantity is 10, 20, 50, 100.

Steps to operate the counting function:

- 1) Place the sample on the pan and press the **PCS** button. The screen will cycle through 10, 20, 50, 100.
- 2) When the number displayed matches the number of samples on the pan, press the **PCS** button again. For example, if 10 pcs are placed, select 10.
- 3) Add or remove items from the pan and the display will update to show the new count.
- 4) Press the **PCS** button to exit the counting function.

NOTE: Items counted must be of the same mass and the same weight, if the sample is too small, too few or too light the counting function may not be accurate.

4. Function selection

Long press on the **FUNC** button will enter the function selection, Then short press the **FUNC** button to cycle through the following functions:

OFF mode: Off other function modes

dny mode: dynamic measurement mode

hold mode: peak hold mode

alar mode: Upper and lower limit mode







4.1 OFF mode

Long press on the **FUNC** button, you will see "1 OFF", press **PRT** button, the display will show 0, It means that the other modes (dny, hold, alar) have been switched off and it is currently in normal weighing mode.

4.2 dny mode

- a. Long press on the **FUNC** button, Then short press the **FUNC** button, you will see "2dny".
- b. Press the **PRT** button to confirm entry into dynamic measurement mode, At this point the screen shows 0.
- c. In this mode, press the **FUNC** button once for open dny model. Press **FUNC** button again for off.
- d. When the dynamic measurement is stable, the buzzer sounds briefly to indicate that the measurement is stable.

This mode is better and more stable to eliminate interference and measure dynamic data,

Display	Function
KG	Currently in kg unit mode
G	Currently in g unit mode
LB	Currently in lb unit mode
	Currently in pcs unit mode
	Currently in Tare mode
	Currently in zero mode
	Indicates that the scale is at the upper limit
	Indicates that the scale is at the medium limit
	Indicates that the scale is at the lower limit

The scale button is shown below:



Buttons	Function
PRT	Used to print data and play the ' confirm ' key in function mode.
PCS	For counting functions.
ZERO	Pressing ZERO before weighing will start weighing from zero.
FUNC	For function mode switching and function selection.
UNIT	Used to select the weight counting unit.
TAR	Used to deduct the weight of the container on the scale.

III. Operational steps

1. Preparation

After unpacking, remove all packages, put the balance on a smooth level surface, the surface can not be uneven, avoid vibration when weighing.

Working ambient temperature: 0-40°C

Working voltage: 100V-240V, 50HZ-60HZ


When you receive this machine, open the package and carefully inspect all parts. Make sure the product is not damaged and all the packaging parts are complete.

If any parts are missing or damaged, please contact us promptly.

Packing list:

- | | |
|-------------------------|----------------------------|
| (1) Scale indicator x 1 | (2) Scale pole x 1 |
| (3) Scale body x 1 | (4) Weighing pan x 1 |
| (5) Power adapter x 1 | (6) Instruction manual x 1 |

2. Turn on the power

 Use only the original power adapter and do not use any other power adapter without permission.

3. Calibration

- After switching on the machine, press the **PCS** button three times quickly before the display is zeroed and the value of the calibration weights will flash on the display.
- Place the calibration weight of no less than 20% of full capacity (the unit will automatically recognize the weight of the weight).
- The display will show the value of the placed weight.
- Remove the weights and the calibration is complete.

Note: The product has been calibrated before leaving the factory and can be used directly upon receipt. If the measurement result is not accurate, you can follow the calibration procedure to calibrate again or contact us.

IV. Function introduction

1. TAR ZERO

Press the **TAR** button to deduct the gross weight

- Place the empty container on the scale.
- Press the **TAR** button, the display shows 0.
- After placing the objects. The displayed weight is the net weight.
- When removing the empty container, a negative value will be displayed, press the **TAR** button and the display shows 0.

Press the **ZERO** button before weighing to ensure that the scale is weighing from zero.

2. Unit conversions

Short press the **UNIT** button to select the unit of measurement in kg, g, or Lb.

- Press and hold the **UNIT** button, 'u1-ON/OFF' will be displayed on the screen, press the **FUNC** button to select ON / OFF.

U1-ON: Unit 1 is displayed in the unit switch. Unit 1 is: KG

U1-OFF: Unit 1 is not displayed in the unit switch.

- Press the **PRT** button to enter the next setting, 'u2-ON/OFF' will be displayed on the screen, press the **FUNC** button to select ON / OFF.

U2-ON: Unit 2 is displayed in the unit switch. the unit 2 is: g.

U2-OFF: Unit 2 is not displayed in the unit switch.

- Press the **PRT** button to enter the next setting, 'u3-ON/OFF' will be displayed on the screen, press the **FUNC** button to select ON / OFF.

U3-ON: Unit 3 is displayed in the unit switch. the unit 3 is: g.

U3-OFF: Unit 3 is not displayed in the unit switch.

- If only one unit is selected, the screen will return to zero after pressing the **PRT** button.

- If you choose multi-unit display, after press the **PRT** button, the screen displays 'def-u1', It represents the default unit, press the **FUNC** button to switch default units.

def-u1: The system default unit is kg.

def-u2: The system default unit is g.

def-u3: The default unit of power-on is LB.

- After confirming the selection, press **PRT** button to exit.