

PSE- series Operating manual

1. Specifications and performance indexes

Model	PSE-30	PSE-45	PSE-75	PSE-150
Capacity	30kg	45kg	75kg	150kg
Resolution	(0~10kg)/1g (10~30kg)/2g	(0~15kg)/2g (15~45kg)/5g	(0~25kg)/5g (25~75kg)/10g	(0~50kg)/10g (50~150kg)/20g
Calibration Graduation	20kg	40kg	50kg	100kg
Dimension of platform	218*300mm		320*380mm	
Power Supply	AC/DC ADAPTOR Input AC100-240V Output DC6V/300mA or 4 pieces 1.5V AA batteries			
Working Sketch	Picture 1		Picture 2	

2. Shape and installation of scale :



(picture 1)

- | | | | |
|---------------------|-----------------------|----------------------|--------------|
| 1. Battery symbol | 2. LCD display | 3. On/off switch | 4. UNIT |
| 5. COUNT | 6. LIGHT | 7. TARE | 8. Data line |
| 9. Input interface | 10. Power socket | 11. Output interface | |
| 12. Adjustable feet | 13. Plastic scale pan | | |



(picture 2)

- | | | | |
|---------------------|---------------------|---------------------|--------------|
| 1. Battery symbol | 2. LCD display | 3. On/off switch | 4. UNIT |
| 5. COUNT | 6. LIGHT | 7. TARE | 8. Data line |
| 9. Output interface | 10. Adjustable feet | 11. Input interface | |
| 12. Scale pan | 13. Power socket | | |

3. Operation method :

3.1 Before using the scale, place it on a stable platform and adjust its feet

to make the scale level, please 15 minutes Power on before using.

3.2 Keypad Functions

3.2.1 “ON/OFF” key: holding down the “ON/OFF” key till the display displays “ON” , then displays the battery voltage, scale range, at last, displays from “F----1” to “F-----9” and after a certain time for stabilizing, “0” appears. Holding down the “ON/OFF” key till the displaying windows displays “OFF”, the scale will turn off automatically.

3.2.2 “TARE” tare key: with empty scale platform, the displaying deviates from zero, pressing “TARE” key, then the displaying will return to zero; If need to tare, first place the container on the platform, after stabilizing, press “TARE” key, the scale

displays “0”. Then place the article in container, at this time, it shows the net weight of the article, remove the article and the container, the scale shows a negative value of container weight. Still press “TARE” to return to “0”.

3.2.3 “LIGHT” backlight key: press “LIGHT” key to choose the backlight mode, “B OFF” backlight always off, “B ON” backlight always on, “B AUTO” backlight on when the data changes, Off when the data reaches stabilization after 3 seconds.

3.2.4 “COUNT” count key: sampling of article by “COUNT” key to enter the counting state

(1) Choose the quantity of samples: To precisely count the articles, firstly the quantity of samples for counting should be chosen in according with the weights of the articles. The quantity of samples can be chosen from “1-10-20-50-100”. For a small number of articles, the larger quantity of samples, the more precise.

(2) Place one or more samples on the empty pan, the balance will show the total weights of samples. Then press “COUNT”, the displaying will show “1”, at the same time, the right of the displaying show unit “pcs”, with indicate that scale is now in counting state, and all the samples are one unit. Then press “UNIT”, the displaying will show between “1、 10、 20、 50、 100”. The quantity of articles and samples must be the same, and place the similar articles. The total amount of objects is showed, press the “COUNT” again back to the normal situation.

3.2.5 “UNIT” unit conversion key

Press “UNIT”, the units can be changed between “kg”. “lb”. (1lb=453.59g).

3.2.6 “CAL” Calibration : Holding on “tare” key, then press “unit” until the displaying window shows “C XXX” and the scale will automatic calibrate,(XXX should be the weight of standard weights, for example: when displaying showing “C 20” express the need to place a standard weight 20kg), at the same time, only place calibrating weights on the platform, after stability, the scale displays the weight of the calibrating weights and the unit “kg”, till now the calibration is completed and the scale can be normally used.

4. Setting and meaning

To reach the “setting-mode” you have to reboot the scale, so begin by turn it off. Now hold down the “UNIT”-key and press the “ON/OFF”-key to start the setting mode. Pressing the “UNIT”-key can change the parameters (C1-C3), pressing “TARE” can change the values of the chosen parameter (C1---0 to C1---4):

C1---- **Sensitivity** setting 0 1 2 3 4, the larger number is, the less sensible but the better stable.

C2---- **Filtering strength** setting 0 1 2 3, the larger number is, the lower reaction speed but the better the stability of the scale.

C3---- **Auto power-off** setting 0 1 2 3 4, 0: always on 1: 15 min. 2: 30 min. 3: 45 min. 4: 60 min. Defaulting setting is 1.

After C3 press again the “UNIT”-key to save the changes and restart the scale in weigh-mode.

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