

WSS

Waterproof Weighing Scale

User Manual



Thank you for your choice and use of our electronic waterproof weighing scale and please carefully read the following operation manual before using it.



1. Don't make mistake of AC power voltage – be careful of 120V or 240V.
2. Please recharge the scale on time to protect the battery, and replace it if it runs out of life.
3. The battery needs to be recharged every 3 months if it's not used for long time.
4. The replaced battery must be handled correctly.
5. Please use the scale on the stable floor or platform.
6. Please don't overload the scale.


I. MAIN SPECIFICATIONS

Model	WSS3	WSS6	WSS15	WSS30
Capacity	3kg	6kg	15kg	30kg
Min.	20e			
Test Division	1g	2g	5g	10g
Display Division	0.2g	0.5g	1g	2g
Max.Tare	100% F.S.			
Accuracy	Class III			
Pan Size	190x230mm			

Working Temperature : -5-+35°C
 Storage Temperature: -25-+ 50°C
 Power: 6V4Ah rechargeable battery – 90hrs
 Net Weight: 3.6kg/pc
 Protection: IP68

II.KEYBOARD



 ON/ZERO Turns the scale on and zero.

 OFF Power off

 TARE Tare key.

 SET/0-9 Functions set

III.INDICATION MESSAGES

[dc x.xx] Means the voltage of battery is x.xx V.

[-----] The weight is over than 100%FS+9e, with the sound of beeping it means overload, reduce the weight.

[-AdC-] As the A/D converting overflowing, display shows this with the sound of beeping.

[-bAtLo-] The voltage is lower than 5.8V, please charge it immediately.

[C_End] Recharge is end.

[Err-0] Load cell wrong connected or A/D error.

[Err-1] No power (battery voltage lower than 5.6V) / CAL switch off.

[Err-2] Set weight alarm error / no enough sample (counting mode).

[Err-3] Calibration weight is too small.

IV. OPERATIONS

1.PREPARATION:

Adjust the base foot, watch the level, make the pan in horizontal.

2.TURN ON

Press the **[ON/ZERO]** key, it starts to display version number, the battery voltage level and 9,8,7···1,0 for self-checking, then the zero led on. Now the scale is ready to work.

3.TURN OFF

Long-press **[OFF]** key.

4.AUTO-OFF

After 10 minutes in zeroing, auto-off.

5.LOW VOLTAGE AUTO-OFF

When the voltage lower than 5.6V, it will power-off.

6.ZERO

When the scale without tare operation and the weight is $\leq 4\%$ F.S., press the ON/ZERO key, the display shows 0 and the zero led on.

7.WEIGHING

Put commodities on the pan.




8.TARE

Press the **[TARE]** key, it displays 0, the zero led off and the tare led on. Remove the weight and it will display the negative value and the zero led on, press the **[TARE]** key again, it displays 0 and the tare led off.

9.POWER SAVING

Zero after 40 seconds, it will show only 0 for saving power, and will wake up if there is any weight put on.

10.BATTERY INDICATION

-  Battery full – voltage > 6.3V
-  Battery voltage between 6V and 6.3V
-  Battery low – voltage <6V

11.CHARGE BATTERY

Power supplied by an internal rechargeable lead acid battery (6V/4Ah). When it shows **[-bAtLo-]**, please turn off and charge it immediately. The time of full charging is 12 hours.

12.FUNCTIONS AND PARAMETERS SET

Press **[SET/0-9]** key 3 seconds to set. Now show **[rAngE]**. Press **[SET/0-9]** to shift between functions of **unitS/A-off/Filt/Zero/BuZZEr/d/d-dP**.

[rAngE]- Checkweigh

When it displays **[rAngE]**, press **[TARE]** . Now the under/- led on. Press **[SET/0-9]** to increase the digit and press **[TARE]** to confirm and move to next digit.

Once you finish the under/- limitation set, when you press **[TARE]** , the over/+ led turns on, then push **[SET/0-9]** and **[TARE]** to change and confirm the upper limitation and exit.

when weight \geq high limit, over/+ led on.

when low limit < weight < upper limit, OK/Accept led on.

when weight \leq low limit, under/- led on.

Caution:

1. when the display is not stable, this function would not active.
2. when the low limitation value set > upper limitation, it will display oFF and exit.
3. when buzzer set = on, it will beep when the weight within range of OK.

UnitS – Unit exchange

When it displays **[UnitS]**, press **[TARE]** to enter and press **[SET/0-9]** to choose and then press **[TARE]** to confirm and exit.

Units: H9 (kg), PcS (counting), Lb.Lb (lb), Lb.oZ (lb.oz), g (g).

Counting Operation:

When it displays **[PcS]**, press **[TARE]** , now pcs led on.

Sampling:

Longtime press **[ON/ZERO]** , it displays count and then 0, then put the sample and press **[TARE]** , then press **[SET/0-9]** and **[TARE]** to input the quantity of samples, after finish, it displays**[PcS]**and pcs led turns on.

Exit: change the unit.

Caution: Max.quantity <30000.

A-off – auto power off

When it displays **[A-off]**, press **[TARE]** to enter and press **[SET/0-9]** to choose n o Y, and press **[TARE]** to confirm. n=NO, Y=Yes (10 minutes in zero, it will auto off).

FILt – display filter

When it displays **[FILtX]** (FILt1 means one step to change display, FILt2 means 3-4 steps to change display, FILt3 means 6-8 steps to change display). Press **[SET/0-9]** to change, and press **[TARE]** to confirm and exit.

ZErO – auto zero range

When it displays [**ZErO**], press **[TARE]** , it will show [**ZErO x.x**] (x.x is the range: 0.5d, 1d, 1.5d, 2d, 2.5d, 3d, 3.5d, 4d, 4.5d, 5d. d is the division value when n=3000). Press **[SET/0-9]** to choose and press **[TARE]** to confirm and exit.

BuZZEr – buzzer set

When it displays [**BuZZEr**], press **[TARE]** to enter and press **[SET/0-9]** to choose on or off, and press **[TARE]** to confirm and exit.

d – change division value

When it displays [**d**], press **[TARE]** to enter and press **[SET/0-9]** to choose the display division (1g/2g/5g/10g), press **[TARE]** to confirm and exit.

d-dP – choose single or dual display

When it displays [**d-dP**], press **[TARE]** to enter and press **[SET/0-9]** to choose n or Y, press **[TARE]** to confirm and exit.
n = single display; Y = dual display

LED brightness

After power on, long pressing **[ON/ZERO]** , it displays [**Lc-**], press **[SET/0-9]** to choose Lu-0, Lu-1, Lu-2 or Lu-3, press **[TARE]** to confirm and exit.

VALUE EACH GRAM
HiWEIGH