

# INDUSTRIAL SCALE USER MANUAL

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## 1.Keys:

- 1) **【 FUNC 】** function.
- 2) **【 # 】** When POST, long press “#” enter into calibration
- 3) **【 \* 】** When counting, press “\*” to enter into the state of input sample numbers.
- 4) **【 + 】** When weighing animals, press “+” to keep stable
- 5) **【 COUNT 】** : counting.
- 6) **【 TARE 】**
- 7) **【 ZERO 】**

## 2. Setting:

Boot initialization, press [#] key until the end of the strokes self-test, the indicator enters into the calibration status, which was show [d X]. Then operate as below.

### (1) Division setting

Window display **【 d X 】**, press “tare” key, window display “d1”, it means 1g, d2 means 2g, d5 means 5g.....press “tare” key to choose “1 or 2 or 5, or 10 or 20 or 50”, Press “#” key to confirm.

For example, now window display d5, press “#” key, then division is 5g, press Press “#” key to confirm Then window display “PX”

### (2) Decimal point setting

press “tare” key to choose decimal point number, press # to confirm, now press tare key, window display “P0”, it means without decimal point, press tare key again, window display P0.0, it means 1 decimal point, press “tare” key again, it display p0.00, it means two decimal points.....

For example, now window display P.000, press “#” to confirm, then it means three decimal point.

Then window display “FULL”.

### (3) Capacity setting

Press “tare” key to enter into digital input status

Now window display “0 0 0 0 0”, press “tare” key, ▼ mark moving to right in turn, press “zero” key to choose the capacity number till the number you need come out, then press “tare” key move the ▼ mark, then press “zero” key to choose number again...till the capacity come out, press “#” to confirm.



For example ,now window display “FULL”,press “tare” key>window display”000000”,press “tare”key again,then window display 0 ▼ 0 0 0 0 0,press “tare” key again, window display “0 0 ▼ 0 0 0 0”,then press “zero”key ,now window display “010000”,press “zero”again>window display “020000”,press “tare”key again,then window display 020▼000,press “zero”key ,then window display”021000”,press “zero”key again>window display”022000”,press”zero” key again>window display 023000”,for example now choose 025000,then capacity is 025000,press”#” key to confirm, enter into zero-point calibration setting automatically,then window display” **【nOLOAD】** ”

#### (4) Zero-point calibration setting

After symbol ▼ come out, press”#”key ,zero setting calibration finish,Then window display “ **【AdLOAD】** ”

#### (5) Full capacity calibration

Put standard counter poise weight on the plate,press”tare”key enter into digital input status>window display **【0 0 0 0 0 0】** ,press”tare”key ,symbol ▼ moving to right in turn, press “zero”key to choose the number,like above ,till the number display on the window equal standard weight ,after the symbol ▼ come out,press”#”key to confirm ,the capacity calibration finish, for example ,now put 25kg counter poise weight on the plate,press “tare “key till window display P00000▼0,Then press “zero” key till window display P00002▼0,then press “tare “again,till window display P0000020▼, Press “zero” key again ,till window display P000025,Then press “#” key to confirm, window display”End” Press”#” key ,indication save the parameter,return to weighing status,



### 3. Calibration

(1). Power on scale, during initialization,press # key till scale self - checking “000000 ~ 99999 finish “,Then indicator enter into calibration>window display **【d X】**

(2). Before window display **【 nOLOAD】** ,press”FUNC”key to save original “division,decimal point number and capacity”,then indicator enter into zero point setting status,after symbol ▼ come out ,press”zero”key ,window display “End”,it means save original parameter, press “ # “,indicator will save parameter, return weighing status.

(3). Enter into full capacity calibration status

Before window display **【AdLOAD】** ,press “ \* ”window display **【AdLOAD】** ” key ,indicator will save original “division,decimal point and capacity,and zero point” then indicator Enter into full capacity calibration status Then begin calibrate scale according to above (5)

## 4. Function key introduction

### (1). Power on scale

A).power on scale,after indicator finish“000000 ~ 999999”self-checking,then enter into weighing status

B).power on scale ,If scale zero point range has change ,but still within into zero range,indicator will zero automatically,If beyond zero point range,indicator will display current weight,at this time must be remove mass from plate or adjust scale zero point range or calibration again and setting

### (2). Manual zero

A). While the scale is empty,but indicator display digital, press “zero” key can make indicator display 0000

B). If scale zero point range moving ,but still within into zero range,Press “zero” key can come back 0000 ,otherwise press “zero”key will not work

C). Only the symbol ▼ is light,then you can manual zero ,otherwise you cannot

### (3) . Tare function

At weighing status ,window display positive weight,press tare key can remove gross weight

### (4). Counting function

At weighing status ,press”FUNC”key enter into counting status>window display”count”,put some numbers of goods on the plate,press” \* “key,display C00000, press “tare” key ,then symbol ▼ move,,press zero key,then the number increase like above,till the sample number equal window display number,,sampling success,press” \* “ enter into counting status>window display “count”,press “\* “ again,enter into counting status directly, you can put some mass on the plate begin to count,press FUNC key come back to weighing status, at this procedure,if window display” ERR 4”, that is to mean sampling failure,indicator will save last time sampling result.

### (5). Accumulation

At weighing status,press”\* “ key, indicator accumulate current weight ,press “\* “ again then exit accumulation status.

At zero status, press” \* “ key>window display current accumulate value ,at add status,press “ FUNC “ key can clear.

Note:Before accumulation,scale must be come back to 0, otherwise you can not go to next accumulation .

### (6).User function setting

At weighing status ,press “ FUNC “ key about 6 seconds enter into user setting mode

Press “ tare “ Key to change the number ,press “ \* “ to operate next mode 1,P1 Kg and lb transfer

X=1 means kg

X=2 means Lb

X=3 means Oz

X=4 ignore it

For example now choose Kg, Then press “ \* “ key

Window display P2X(this is LED light brightness

X=1 means weak light

X=2 means more light

X=3 means brightness increase

X=4 means brightness increase more

Now choose X=4 ,Press “ \* “

Window display P3, Press “ \* “, window display P4 ,Press “ \* “ ,

Window display P5 ,

X=1 means not dormancy

X=2 means dormancy

Now choose X=1 ,Press “ \* “ ,window display P6x,

X=1 means load cell not dormancy

X=2 means load cell dormancy

Now choose X=1 ,Press “ \* “ ,window display P7x, this is zero tracking range

X=1 : 0.5E

X=2: 1.0E

X=3: 1.5E

X=4: 2.0E

X=5: 2.5E

X=6: 3.0E

X=7: 5.02

X=8 prohibit zero tracking

For example ,now choose X=3 1.5E ,

press “ \* “ ,window display P8x, Zero range

X=1: 2%FS

X=2 :4%FS

X=3: 10%FS

X=4: 20%FS

X=5 :100%FS

For example ,now choose X=3: 10%FS

Press “\*”,window display P9x, Zero point range

X=1: 2%Fs

X=2: 4%Fs

X=3: 10%Fs

X=4: 20%Fs

X=5: 100%Fs

X=6 Power on scale, zero is prohibit

For example, now choose X=3:10%Fs

Press“\*\*”, window display P10x

Press“\*\*”, window display P11x

Press“\*\*”, window display P12x

Press“\*\*”, window display P13x

Press“\*\*”, window display P14x

X=1 close animal weighing function

X=2 open animal weighing function

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# Weighing scale instruction manual

## 1. Weight Calibration

1. Press "Zero" to power on, after the end of the self inspection, prompt "-CAL-1" automatic entry into the weight calibration interface;
2. Display "XXXXXX", press "Tare" modified value (0~9), press "zero" adjustment position, press "mode" button to confirm;
3. Display "XXXXXX" (alternating flashing), Put the weight mass of the corresponding weight, to be stable, press "mode" to confirm and complete calibration.

## 2. Parameter setting

1. Press "mode" to power on, after the end of the self inspection, prompt "-SEt-1" automatic entry into the weight calibration interface
2. Display "XXXXXX", press "Tare" to modify the value, press "zero" to adjust position, press "mode" to confirm.
3. Display "2-X", enter the setting model of decimal point position, press "Tare" to modify [numerical value](#), press "mode" to confirm.
4. Display "3-X", enter setting model of division, press "Tare" to modify numerical value, press "mode" to confirm.
5. Display "4- X", enter setting model of zero tracking, press "Tare" to modify numerical value, press "mode" to confirm
6. Display "5-X" enter setting model of "+", press "Tare" to modify numerical value, press "mode" to confirm.
7. Display "End", quit weighing model after one second.

## 3. Functional Description

### Tare function

1. Tare range : 100% max capacity

### Zero-setting functions

2. Zero Range : 4% max capacity

### Mode Function

3. Press "mode", followed by switching the weight unit

### Cumulative function: (counting the state, to achieve the same number of cumulative function)

1. Under weight status, load items A, press "#" key alternates "Add 01" and "Weight A";
2. Remove items A, automatically exit to weighing mode; or press the "total" key also can exit to weighing state;
3. Press items B on the pan again, press "#" key, Alternates "Add 02" and the "weight of A + B";
4. And so on, up to a total of 99 times ;

### Clear cumulative record

1. Under cumulative record the state, according to the "#" key, alternates "Add x" and "total weight X";
2. In this case, press the "\*" key to display "CLr", after 1 second automatically exit to the weighing mode, it means the cumulative record has been cleared;

### Counting function

1. Under weighing mode state, press the "Count" key to display "P 10";
2. Press "Count" to select the number of samples (10,20,50,100,200,);
3. Loading a corresponding number of samples, press "Count" button, complete sampling and enter into count status
4. Press "\*" to quit count status.

### Weight animal function

1. Press "+" to turn on or turn off this function
2. Display "dt-ON" means turn on, display "dt-OFF" means turn off.

## 4. Keyboard

