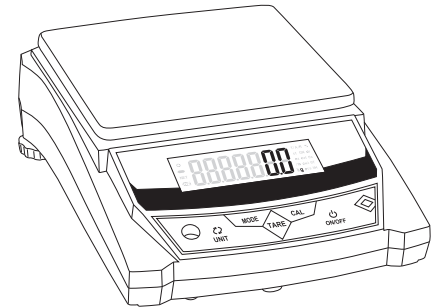
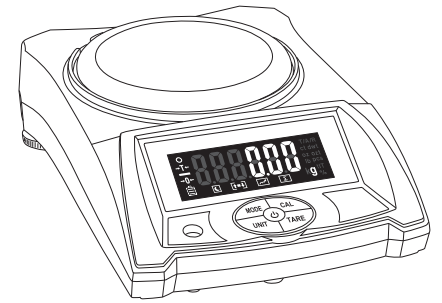


# OPERATING MANUAL | 6



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Portable / Standard  
**ELECTRONIC BALANCE**

We ware try the best to ensure the veracity of operating manual, but we didn't take responsibility for printing or description mistake.

We has right to update the machine looking and performance without noticing the consumer.

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<i>CONTENTS</i>	<i>PAGE</i>
<b>Warming And Safety Using</b> .....	2
<b>First Part: Summarize</b> .....	3
<b>Second Part: Installation</b> .....	6
<b>Third Part: Basic Operating</b> .....	8
Basic Weighing Function .....	8
Calibration / Adjustment .....	8
<b>Fourth Part: Operate Application</b> .....	10
Counting Function .....	10
Percentage Weighing .....	11
Accumulating .....	11
High Low Limit Alarm .....	12
<b>Fifth Part: Basic Function Setting</b> .....	13
Backlight Setting .....	14
Dormancy and Power Saving Setting .....	15
Power On Self Test Setting .....	15
Buzzer Setting .....	15
Turn On/Off Units .....	15
<b>Sixth Part: Communication Setting</b> .....	17
Printing Data Format Setting .....	18
<b>Seventh Part: Weighing Performance Setting</b> .....	19
<b>Eighth Part: Restore Factory Setting</b> .....	20
<b>Ninth Part: Unit Switching</b> .....	22
<b>Tenth Part: Specification</b> .....	23
<b>Eleventh Part: Proper Care and Maintenance</b> .....	24

**SAFETY**

- For avoiding damage, please read all operating instructions carefully before use.
- ⚠ Don't use your machine under dangerous working circumstance.
- ⚠ Cut off the power if machine will turn off for more than one week.
- ⚠ Turn off the machine and cut off the power before or after connection with other equipments.
- ⚠ Strong magnetic field and static electricity can have an adverse effect on weighing sensor. When disturbance disappear, the machine will work well again.

**Warning**

- All our parts is the most suitable parts for machine. All modification or using unauthorized parts for machine need to be confirm before using. All modification needs to be take responsibility.
- Do not open the machine housing. Machine will not have guarantee service if security label broken.

**1. Unpacking**

- After unpacking the machine, please check machine has any visible damage.
- Please keep the original box and packing material for storing machine when not in use or send back for repairing.  
Before packing the balance, please cut off all power and cable.

**2. Packing List**

Machine Item	Main Machine	Weight Mass	Adapter	Cable	Pan	Operating Manual
	1pc	1pc	1pc	Non-	1Set (2pcs)	1pc
		Non-			1pc	

**3. Installation**

- When select the location for install machine, please keep these tips in mind:
- Do not put machine close to central heating or sunshine and airflow way. ( Opening door or window )
  - Do not exposure machine to extreme heat or cold. Keep scale in a clean, dry location. Dust, dirt and moisture can accumulate on the weighing sensor.
  - Install machine on a flat and level surface, free from vibration and drafts, free from corrosive and strong magnetic field, as they can have an adverse effect on the weighing sensors.

**4. Warm up for machine adapt temperature**

When move machine from high temperature place to low temperature place (or inversely), please keep machine in final place for two hours and then turn on to warm up (warm up time refer to the specification list), as the machine will proportion the room temperature.

## Summarize

### 5. Key Explanation



#### UNIT KEY

- A: Select Unit.
- B: Status 1: Enter into menu with (TARE) KEY
- C: Status 2: Setting Key
- D: Status 3: Shortcut key of accumulating function. Hold and press this key to enter into accumulating function.
- E: Circle to the next parameter.



#### CAL KEY

- A: When normal weighing, short press CAL KEY will zeroing.
- B: Press and hold CAL KEY for 5 seconds will enter into CALIBRATION.
- C: When setting the parameter, press CAL KEY can minus one value.
- D: CONFIRM KEY.



#### MODE KEY

- A: Short press MODE KEY will enter into Counting Function.
- B: Move the flash on digit to left.



#### TARE KEY

- A: Tare the weight.
- B: The shortcut key of high-low limit alarm function. Press and hold TARE KEY for 5 seconds will enter into high-low limit alarm function.
- C: When setting the parameter, press CAL KEY can add or plus one value.

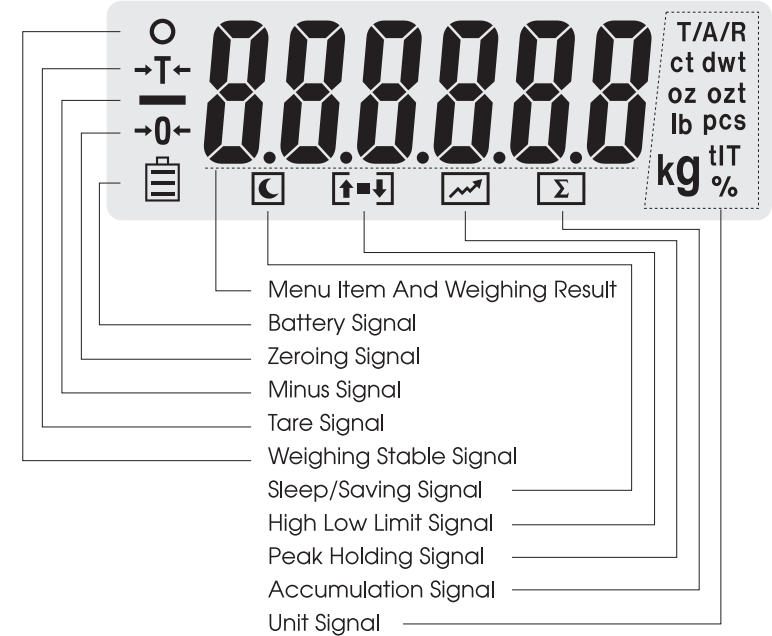


**Press and Hold TARE and UNIT KEY at the same time for 5 seconds enter into setting menu.**

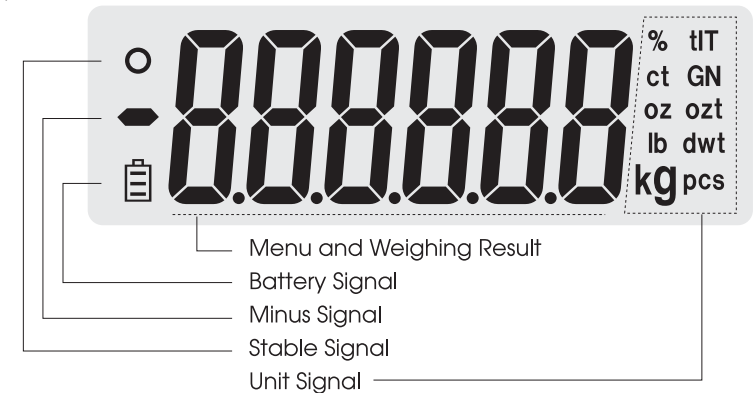
*Note: The buzzer sound different when long press or short press the key.*

### 6. Display Explanation

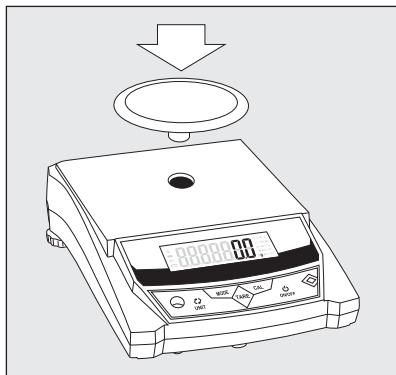
#### ● LED/HD/DJ Series



#### ● LCD/HP/TP Series

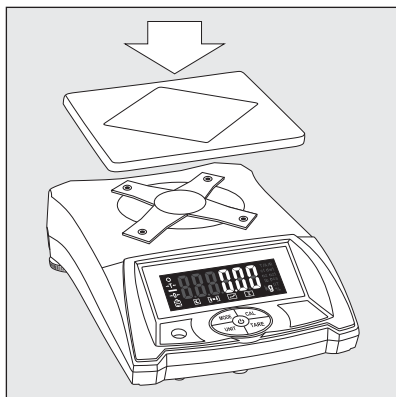


## Second Part: Installation



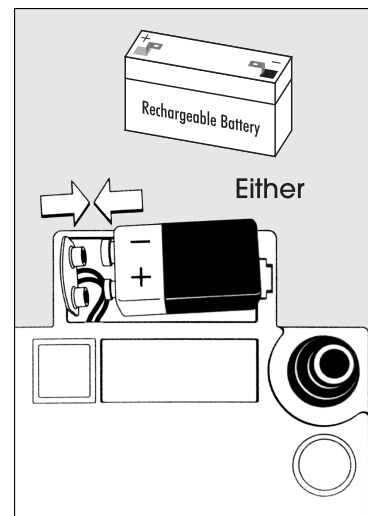
### The machine with round weighing pan

- Put weighing pan on the pillar which is in the middle of machine.



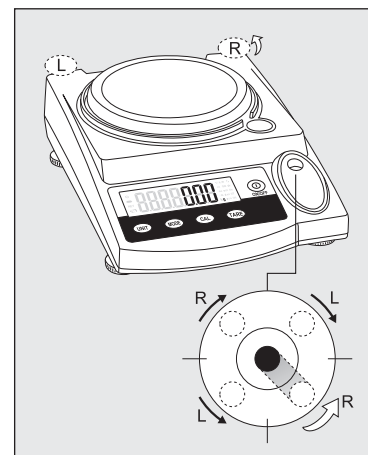
### The machine with square weighing pan

- Put the weighing pan on bracket.



### Use dry battery / Rechargeable battery (Optional)

- The dry battery or rechargeable battery is not on machine's packing list.
- ⚠ Only normal or universal 9V dry battery or rechargeable battery will be available for machine.
- ⚠ Only available for using adapter to recharge the rechargeable battery for machine.
- Lie down the machine at side.
- Open the battery box cover.
- Connect and put 9V dry battery or rechargeable battery in box.
- Confirm the positive and negative correctly.
- Close the battery box: Screw the battery box cover adown to the machine.
- ⚠ The used battery is recycled. According to the waste disposal law, rechargeable battery to be used as a special garbage recycling and specialized handling.



### Adjust Machine Level

The machine need to adjust the level ever time when change the install location. Moving the two back screw nuts slowing to adjust level.

- Counterclockwise rotate the two back screws to right position.
- Rotate the screws as the photo until the bubble is in the middle of level device.
- Clockwise rotate the two back screws until it touch the supporter.
- > Under normal circumstances, adjust level need several times to reach suitable position.

**Basic Weighing Function**

**Preparation**



- Turn on machine: Press ( ON/OFF ) Key

**Warm up time:**

- For making sure the weighing result correct, different type machine need different warm up time to reach the required operating temperature. Please refer the specification list to know the correct warm up time.

**INSTANCE**

**Basic Weighing** ( The machine was warm up )

Key (Order)	Step Explanation	LCD Screen Display
	1. Zero Stable	0.00 g
	2. Put container on weighing pan ( Example: 100g )	100.00 g
[TARE]	3. Press Tare key for tare the container weight	0.00 g
	4. Put sample in container ( Example: 200g )	200.00 g

**Calibration / Adjustment**

**Request**

The machine only can be Calibration / Adjustment in the following cases:



- Nothing on weighing pan, was tare, weighing signal stable

Machine will have ERRO SIGNAL if does not have above premise.

If all premise available, the machine will display required weight mass value for calibration.



**INSTANCE** ( Example: A200 )

**(1) External Span Calibration Instance**

Key (Order)	Step Explanation	LCD Screen Display
[TARE]	1. Machine tare	0.00 g
Press and Hold [CAL] Key	2. Display span calibration signal Flash the required weight mass value: 200g	200.00 g
	3. Put required weight mass on pan. After 5 seconds, display the weight of it.	200.00 g
	4. Take the weight mass away ( Span calibration finished )	0.00 g

**(2) External Linearity Calibration Instance**

(Please DO NOT linearity calibrate the machine if you don't have match weight mass)

Key (Order)	Step Explanation	LCD Screen Display
Short Press [TARE] Key	1. Machine tare	0.00 g
Press and Hold [CAL] Key for 5 seconds	2. Display Span CAL signal Flash 200g signal	200.00 g
Release [CAL] Key, Press and Hold [MODE] Key for 5 seconds	3. Display Linearity CAL signal Flash 100g signal	100.00 g
	4. Put required weight mass on pan Display 100g after 5 seconds	100.00 g
	5. Take weight mass away ( Linearity calibration finished )	0.00 g

**Note:** The grey color words explain the signal's meaning which flash on the window.

Application Setting

Counting

Purpose


Use this function can calculate the quantity with total weight divide by signal weight.

**Instance** ( With known the sample's quantity but unknown the unit weight )


Key (Order)	Step Explanation	LCD Screen Display
-------------	------------------	--------------------


Short Press [MODE] Key	1. Enter into counting function and display flash the number of quantity	
------------------------	--	--

○ Short press [CAL] key to cycle the sample quantity setting:  
10, 20, 50, 100, 150, 200, 250, 500, 1000 pcs

	2. Put any unknown numbers of pieces on pan (Example: set 20pcs)	20 pcs
---	---	--------

Short Press [MODE] Key	3. The machine start to calculate and display quantity:20pcs	20 pcs
------------------------	--	--------

	4. Take sample away from pan	0 pcs
---	------------------------------	-------

	5. Put any unknown numbers of pieces on pan and will display a count. (Example: 100pcs)	100 pcs
---	---	---------

Short Press [MODE] Key	6. Exit the Counting Function	0.00 g
------------------------	-------------------------------	--------


Note: The grey color words explain the signal's meaning which flash on the window.

Percentage Measurement


Operator place the reference sample that corresponds to 100% onto weighing pan, the other samples will display the weighing result as %.

**Instance** ( Percentage Weighing )

Key (Order)	Step Explanation	LCD Screen Display
-------------	------------------	--------------------

	1. Put sample on pan and machine will display the sample's weight (Example:90g)	90.00 g
---	---	---------

Short Press [UNIT] Key	2. Circle the unit to percentage signal: %, at machine will display 100%	100.00 %
------------------------	--	----------

	3. Take sample away and put any other sample on pan	79.00 %
---	---	---------

○ Remove the reference sample and add the unknown sample to determine its relative weight and percentage.

Short Press [UNIT] Key	4. Exit the Percentage Measurement	0.00 g
------------------------	------------------------------------	--------

Peak Holding


( Optional function for LED/HD/DJ series, not available for LCD/HP/TP series )


Sensing the max weight during weighing, hold and display it.

**Instance**

Key (Order)	Step Explanation	LCD Screen Display
-------------	------------------	--------------------

Press and Hold [MODE]&[UNIT] Key for 5 seconds at the same time	1. Enter into Peak holding menu and flash the signal at the same time	0.00 g
---	---	--------

	2. Put sample on pan (example:10g)	10.00 g
--	------------------------------------	---------

	3. Put other sample on pan several times	13.00 g
--	--	---------

○ Example: put 3 times , each weight is 10g, 13g, 12g. The machine will only display the max weight:13g

Short Press [MODE]&[UNIT] Key at the same time	4. Clear the present Peak holding and restart a new Peak holding	0.00 g
--	--	--------

Press and Hold [MODE]&[UNIT] Key for 5 seconds at the same time	5. Exit the Peak Holding Function	
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





Note: The grey color words explain the signal's meaning which flash on the window.

**Accumulation Function** ( Not available for LCD/HP/TP series )

**Purpose**

Weighing and accumulating the several sample's total weight and tracing the last time's data.

**Instance** ( Example: A200 )

Key (Order)	Step Explanation	LCD Screen Display
Press and Hole [UNIT] Key	1. Enter into accumulation function and machine flash the signal	
	2. Put samples on pan	
Short Press [CAL] Key	3. Confirm and record the first weight  ○ Example: 10g, the machine display weighing time:N01 and then display weight:10g.	 
	4. Put sample several times and press [CAL] key each time to confirm and record the weight  ○ Example: weigh 3 time, each weight are: 10g, 20g, 30g. The machine display total weight 60g. ○ Under the accumulate mode, the accumulate weight can be: 999.999g(1mg), 9999.99g(0.01g), 99999.9g(0.1g), 999999g(1g) ○ Press and hold [CAL] key can check the last weighing data of accumulating.	
Press and Hole [CAL] Key	5. Clear the present accumulating and restart a new accumulate weighing	
Press and Hole [UNIT] Key	6. Exit the Accumulation Function	









**Note:** The grey color words explain the signal's meaning which flash on the window.

**High Low Limit Alarm Function** ( Not available for LCD/HP/TP series )

**Purpose**

Weighing the target sample's weight or quantity in or out the setting limit and alarm.

**Instance** ( Example: A200 )

Key (Order)	Step Explanation	LCD Screen Display
Press and Hole [TARE] Key	1. Enter into the function menu  <i>The display flash OFF (To mention the function invalid)</i>	
Short Press [TARE] Key	2. The machine display ALR and flash IN (means alarm in limits)  ○ Press [TARE] key to select IN (in the limit) or OUT (out the limit). Press [UNIT] key to confirm the setting. <i>The machine will sound "Beep" if the sample's weight in the setting limit. The machine will sound "Beep" if the sample's weight out the setting limit.</i>	
Short Press [UNIT] Key	3. Setting the High Limit (Example: 200g and alarm in the limit)  ○ The machine will display ALRH shortly to mention to set the high limit. <i>Setting way is: Press [MODE] key to move digit, press [TARE] key to circle and select the value, and then press [UNIT] to confirm the setting.</i>	
Short Press [UNIT] Key	4. Setting Low limit (Example: 180g and alarm in the limit)  ○ The machine will display ALRH shortly to mention to set the high limit. <i>Setting way is: Press [MODE] key to move digit, press [TARE] key to circle and select the value, and then press [UNIT] to confirm the setting.</i>	
	5. Put sample on pan (example:186g)  ○ The machine display the sample's weight. <i>The machine will sound "Beep" at the same time to mention that sample's weigh is in the setting limit.</i> ○ If the sample's weighing over than the limit, machine will not sound but will flash up "↑" signal <i>If the sample's weighing less than the limit, machine will not sound but will flash down "↓" signal.</i>	
	6. Take sample away and machine flash down "↓" signal	
Press and Hole [TARE] Key	7. Exit the High Low Limit Alarm Function	

**Note:** The grey color words explain the signal's meaning which flash on the window.



### Basic Function Setting

#### Purpose

Operator can set machine basic function by selecting parameter in Menu.

#### LED Brightness Setting

Operator can turn on/off/auto backlight by setting menu.

#### Dormancy and Power Saving Setting ( Not available for LCD/HP/TP series )

User can enter into the menu and set the machine's fast dormancy time.

#### Power On Self Test Setting ( POST )

User can enter into the menu to turn on or off the Power On Self Test of voltage and temperature.

#### Buzzer On/Off Setting

Operator can turn on/off the buzzer sound by setting menu.

### LED/HD/DJ Basic setting Instance

Key (Order)	Step Explanation	LCD Screen Display
Press and Hold [TARE]&[UNIT] Key for 5 seconds at the same time	1. When display the menu, enter cod: 101  ○ The code of basic setting menu is C00101. The enter way is: Press [MODE] key to move the digit, press the [TARE] key to circle and set the number.	C00 101
Short Press [UNIT] Key	2. Enter into Backlight setting menu, the display show LED and flash 2  ○ Press the [TARE] key or [CAL] key can circle and select the brightness of backlight: From P1, P2, P3, 1, 2, to 3	LED- 2
Short Press [UNIT] Key	3. Enter Intelligent Standby setting menu, the display show SLEPP and flash 0(0 means no sleep)  ○ Press the [TARE] key or [CAL] key can circle and select machine enter into sleep status with: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9 seconds	SLEPP 0
Short Press [UNIT] Key	3. Enter into Power On Self Test menu, display POST and flash 0 ( 0 means not show the test)  ○ Short press [TARE] key can select 0 (not show) or 1 (show the test).	POST- 0
Short Press [UNIT] Key	3. Enter into Buzzer setting menu, display BEP and flash ON (turn on)  ○ Short press [TARE] key can select ON (turn on) or OFF (turn off) the buzzer.	BEP ON
Short Press [UNIT] Key	4. Set the machine successful and return to the main menu	C00000
Short Press [UNIT] Key	5. Return to standby	

● The green color parts is the following operation after Step 1-2 backlight setting.

**Note: The grey color words explain the signal's meaning which flash on the window.**

## Basic Function Setting

### LCD/HP/TP Basic setting Instance

Key (Order)	Step Explanation	LCD Screen Display
Press and Hold [TARE]&[UNIT] Key for 5 seconds at the same time	1. When display the menu, enter cod: 101  ○ The code of basic setting menu is C00101. The enter way is: Press [MODE] key to move the digit, press the [TARE] key to circle and set the number.	C00 101
Short Press [UNIT] Key	2. Enter into back light setting menu, display BL and flash ON (turn on)  ○ Press the [TARE] key or [CAL] key can circle and select the backlight: ON (turn on), OFF (turn off), AUT(turn on or off the backlight automatically).	bl - 0n
Short Press [UNIT] Key	3. Enter into Power On Self Test menu, display POST and flash O ( 0 means not show the test)  ○ Short press [TARE] key can select 0 (not show) or 1 (show the test).	POST-0
Short Press [UNIT] Key	3. Enter into Buzzer setting menu, display BEP and flash ON (turn on)  ○ Short press [TARE] key can select ON (turn on) or OFF (turn off) the buzzer.	bEP 0n
Short Press [UNIT] Key	4. Set the machine successful and return to the main menu	C00000
Short Press [UNIT] Key	5. Return to standby	

●The grew color parts is the following operation after Step 1-2 backlight setting.

**Note: The grey color words explain the signal's meaning which flash on the window.**

## Turn On/Off the Units

### Turn On/Off the Units

Operator can turn on or off the unit to display or hide the relative weighing units.

### Instance

Key (Order)	Step Explanation	LCD Screen Display
Press and Hold [TARE]&[UNIT] Key for 5 seconds at the same time	1. Display the main menu and enter code "106"  ○ The code of turn on/off unit is C00106. The enter way is: Press [MODE] key to move the digit, press the [TARE] key to circle and set the number.	C00 106
Short Press [UNIT] Key	2. Enter into the menu, display unit:ct and flash ON (turn on)	ct 0n
Short Press [TARE] Key	3. Display unit:ct and flash OFF (turn off) (Set OFF/ON with short press repeatedly)	ct OFF
Short Press [MODE] Key	4. Circle to next unit: oz and flash ON	oz 0n
Short Press [TARE] Key	5. Display unit: oz and flash OFF  ○ Repeat the step 4-5 can circle and set follow units: ct, oz, ozt, lb, dwt, tIT, kg, % .....  ○ The default setting is all units was turn on	oz OFF
Short Press [UNIT] Key	6. Set the machine successful and return to the main menu	C00000
Short Press [UNIT] Key	7. Return to standby	

**Note: The grey color words explain the signal's meaning which flash on the window.**

## Sixth Part: Communication Setting

---

### Communication Function Setting ( Optional )

#### Purpose

Operator can select the communication way by setting the menu.

#### Baud Rate Setting

Select different baud rate for different output required.

#### COM Setting ( Communication Way )

Select different communication way for output different signal.

#### Instance

Key (Order)	Step Explanation	LCD Screen Display
Press and Hold [TARE]&[UNIT] Key for 5 seconds at the same time	1. Display the main menu and enter code "102"  <input type="radio"/> The code of data communication is C00102. The enter way is: Press [MODE] key to move the digit, press the [TARE] key to circle and set the number.	C00 102
Short Press [UNIT] Key	2. Enter into Baud rate setting  <input type="radio"/> Short press [TARE] key can set different baud rate in turns: 12: 1200bps, 24: 2400bps, 48: 4800bps, 96: 9600bps	bAud 96
Short Press [UNIT] Key	3. Enter into output way setting  <input type="radio"/> Short press [TARE] key to select: NON: no output, CON: output continuously, STY: output after steady.	Con STY
Short Press [UNIT] Key	4. Set the machine successful and return to the main menu	C00000
Short Press [UNIT] Key	5. Return to standby	

**Note:** The grey color words explain the signal's meaning which flash on the window.

## Seventh Part: Machine Weighing Configuration Setting

### Machine Weighing Configuration Setting

#### Purpose

Operator can set the machine basic weighing config to change the weighing capability to reach different required.

#### Zeroing Range Setting

Operator can increase or decrease the zeroing range for they need.

#### Tracking Range Setting

Operator can increase or decrease tracking range for they need.

#### Sensitivity Level Setting

Operator can adjust the sensitivity by increase or decrease the level. Level 1 is the lowest sensitivity and level 6 is the highest.

#### Speed Level Setting

Operator can adjust the weighing response time by increase or decrease the level. Level 1 is the slowest weighing response speed and level 3 is the fastest ( Default and recommend setting: Level 2 )

#### Anti-Vibration Level Setting

Operator can adjust the weighing response time and anti-vibration strength by increase or decrease the level.

The higher level comes with higher anti-vibration. Level 1 has fast weighing speed and weak anti vibration. Level 7 has strong anti vibration and low weighing speed.

### Instance

Key (Order)	Step Explanation	LCD Screen Display
Press and Hold [TARE]&[UNIT] Key for 5 seconds at the same time	1. Display the menu and enter into the code: "100"  ○ The weighing config code: C00100, enter way: Press [MODE] key to move the digit, press the [TARE] key to circle and set the number.	
Short Press [UNIT] Key	2. Enter into the zeroing range setting  ○ Short press [TARE] key or [CAL] key can select zeroing range from 0.0 to 6.0	
Short Press [UNIT] Key	3. Enter into tracking range setting  ○ Short press [TARE] key or [CAL] key can select tracking range from 0.0 to 6.0	
Short Press [UNIT] Key	3. Enter into Sensitivity Level Setting  ○ Short press [TARE] key or [CAL] key can select Sensitivity Level from 1 to 6. Totally six levels.	
Short Press [UNIT] Key	3. Enter into Speed Level Setting  ○ Short press [TARE] key or [CAL] key can select Speed Level from 1 to 3. Totally three levels.	
Short Press [UNIT] Key	3. Enter into Anti-vibration Level Setting  ○ Short press [TARE] key or [CAL] key can select anti-vibration Level from 1 to 7. Totally seven levels.	
Short Press [UNIT] Key	4. Setting successful and return to the main menu	
Short Press [UNIT] Key	5. Return to standby	

●The grew color parts is the following operation after Step 1-2 Zeroing Range Setting.

**Note: The grey color words explain the signal's meaning which flash on the window.**

## Eighth Part: Unit Switching

### Unit Switching

Press (UNIT) Key, the weighing unit will cycle between the different weighing units with each press of the button. The balance will default to the last unit used when turned on the next time.

#### ● LED/HD/DJ Series

Unit Signal	Unit	Unit Exchange Rate
g	Gram	1
ct	Carat	5
oz	Ounce	0.03527396200
ozt	Troy Ounce	0.03215074700
dwt	Pennyweight	0.64301493100
lb	Pound	0.00220462260
tlT	Taiwan Tael	0.02666666000
T	Tola	0.08573532418
T/A/R	tola/anna/rati T.A.R	0.01 . 2 . 23
I/A/R	tola/Mna/rati T.M.R	0.01 . 0 . 23
kg	Kilogram	0.00100000000

#### ● LCD/HP/TP Series

Unit Signal	Unit	Unit Exchange Rate
g	Gram	1
ct	Carat	5
oz	Ounce	0.03527396200
ozt	Troy Ounce	0.03215074700
dwt	Pennyweight	0.64301493100
GN	Grains	15.43235835000
lb	Pound	0.00220462260
N	Newton	0.00980654189
tlT	Taiwan Tael	0.02666666000
kg	Kilogram	0.00100000000

## Ninth Part: Machine Detail Specification Cable

Item No.	Weighing Range(g)	Readability (mg)	Repeat-ability(mg)	Linearity (mg)	Operate Temp(°C)	Pan Size (mm)	Housing Size (LxWxH)(mm)	Warm-up Time (m)
	60	1	± 1	± 2	20 ± 7.5	∅ 80	260x175x115	10-20
	100							

Item No.	Weighing Range(g)	Readability (g)	Repeat-ability(g)	Linearity (g)	Operate Temp(°C)	Pan Size (mm)	Housing Size (LxWxH)(mm)	Warm-up Time (m)
	200	0.01	± 0.01	± 0.02	10-35	∅ 128	260x175x60	10-20
	300							
	500							
	600							
	1000	± 0.02	± 0.03					
	2000							

	1200					∅ 128		
	2000							
	3000	0.1	± 0.1	± 0.2	10-35		260x175x60	10-20
	5000							
	6000	1	± 1	± 2		145x160		
	2000							
	6000							

## ***Tenth: Proper Care and Maintenance***

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### **Repair**

Only trained technician was authorized to repair the problem machine.

### **Clean**

- Pull out the adapter from electrical outlet and cable from machine.
- Use soft cloth with neutral cleanser to clean the machine housing.
- Dry the housing with soft cloth and then take out the weighing pan and wash it.
- When take up the weighing pan and bracket, make sure that don't broken the weighing system.

⚠ Do not let the liquid flow into machine.

⚠ Do not use the caustic cleanser.

### **Wash stainless steel surface**

Use soft cloth or sponge to clean all stainless steel parts need to clean often and completely. Only home appliances cleanser available for clean the stainless parts. Wipe up the stainless steel parts surface first, wash up all leftover second and then dry it. Oil the stainless steel surface if necessary.

### **Guarantee**

Do not ignore your warranty rights.

If machine have problem in guarantee period, please contact local distributor.

- We carry out The Guarantees strictly according to national regulation
- The guarantee period is one year from the date of sell. The guarantee machine is with correct install and usage, not man-made problem. Send back machine to local distributor or seller with proper packing ( include warranty card ). We will exchange a new one or repair and return machine to you within one week from we receive it.
- Battery, load cell and Magnetic cylinder is not including in guarantee range.
- If the problem machine exceed the guarantee time limit or was damage by man-made, we will charge the reasonable labor and material cost, delivery cost and any other possible cost.

## ***Product Guarantee Elucidation***

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We guarantee that under proper using situation, We provide one year repairing service include material and technical support after selling date.

In Guarantee period, if machine broken or damage because of material or techniques, We will repair or replace the problem parts which has been proved. Please contact our Local office when machine need repairing.

The Guarantee Card will be inefficacy with wrong operating and not according as the operating manual. The Guarantee Card will be inefficacy with any damage or broken by unauthorized person's repairing or replacement.

We are not in charge with apparent or intentional disobeying the guarantee rule which cause machine any relevant or accidently broken.