


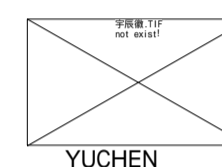
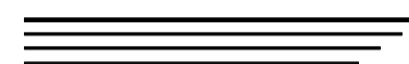
voluntary standards GB/T 7722-2005
This manual provides all the information without prior notice to be amended
The referred information of Yuchen Weighing Apparatus company retain explanation power

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ACS serial L3, L6 Type Electronic Weighing Counter scale

(LCD display dry cell)

OPERATION MANUAL

Superior in technology
performance excellence

L3, L6 (English in brief)

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Yuchen Weighing Apparatus
Weighing all over the world

Equipment and function	DESCRIPTION			
	1.5kg	3kg	6kg	15kg
Capacity				
Division value	0.02/0.05/0.1/0.2/0.5g	0.05/0.1/0.2/0.5/1g	0.1/0.2/0.5/1/2g	0.2/0.5/1/2/5g
Display figure	6-bit LCD figure (high 20mm)			
Working temperature	- 10 degree to +40 degree			
TARE range	when it is in full weight, showing tare ,the range of net- weight will be decreased accordingly			
The platter size	215x 175mm			
Steelyard size	230x 260x 150mm			
Power supply	220V 50HZ or two No.1 dry batteries.			
Recharge	100mA			

7 Guarantee to keep our product in good repair

Thank you for using ACS serial L3,L6 type electronic weighing counter scale produced by Fushun Yuchen Weighing Apparatus CO., Ltd, who provide good after-sale service for you during the period of operation afterwards, try to ensure that solving the problem as soon as possible.

Within one year after the date of purchasing, if it is broken down under the condition which isn't caused artificially, take the valid invoice and guarantee book to share the free service in the appointed repair service of Yuchen Weighing Apparatus Co., Ltd.

Warning

Our company will not be changed with the responsibility caused by the contravention of above suggestion or operating improperly.

- ? For easy operating, keep it carefully in order to check.
- ? If there is any question regarding ACS serial L3, L6 type electronic weighing counter scale, contact with the distributors in local for technical support as soon as possible.

Thank you for using ACS serial L2, L5 type electronic weighing counter scale produced by Fushun Yuchen Weighing Apparatus CO., Ltd. We hope Yuchen can give you high efficiency with its products' good dampproof and waterproof features and easy operation.

1 Matters needing attention

1.1 The conventional matters needing attention

1. Please read the operation instruction carefully before using the products in order to know the products even more and you can use the products are convenient.

Please keep the scale's body clear and pull off the switch before cleaning the scale's body.

3. You can clean the scale's body with water, but you can't immerse the scale into the water.

4. Don't invert the steelyard or pull the shelf to move the scale so as to avoid destroying the sensor.

5. Don't use sharp utensil to touch the overthin airproof ring between the shelf and the upper lid so as to avoid poking or breaking the airproof.

1.2 The matters needing attention when use battery

1. When changing the two batteries together and use the same brands of the batteries (attention: don't blend to use new and old batteries and simultaneously use different models of batteries)

2. Take out the batteries if you don't use them for a long time.

3. Please use alkaline batteries, no manganese batteries.

4. Take out the exhausted batteries, avoid batteries liquid leaking, and deal with it safely.

5. No using the batteries that shell has been exfoliated.

6. Please pay more attention to cover with the charging jack's protection sheath after charging; otherwise the socket will be corrosive as a result of the moisture in the air.

1.3 Managing batteries carefully

Managing batteries incorrectly can cause fire, bodily injury and explosion.

1. Batteries must stay away from children and pets. If you swallow, please call the doctor immediately.

2. Don't put batteries in the water and fire.

3. Staying away from the ignition source and high temperature.

4. Don't use metal tweezers to clamp the batteries.
5. Keep them in cool and dry places.
6. A voiding batteries short circuit.
7. Don't recharge , discharge and welding.
8. A voiding physical impact.
9. Making sure that positive and negative poles are correct.
10. If batteries leak out, please clean it and change the new batteries. If the liquid is adhered on the clothes, please wash it completely.
11. Please obey the local rules while managing batteries.

2 Installment

2.1 Install scale's body

1. Open the packing box, the box contains some objects, as follows:

Order	Name and specification	Unit	Amount
1	ACS serial L3, L6type electronic weighing counter scale's body	dais	1
2	operation manual	share	1
3	Product's qualified certification	share	1
4	Insure repair's voucher	share	1
5	Power supply's adapter	entries	1
6	Stainless steel's pan	entries	1

2. Put the scale's body on the sturdy horizontal desk and adjust the scale foot (namely revolve the scale foot), change the horizontal indicative instrument's bubble on the panel to the inside of the centre circle in order to keep the pan smoothly.

3. Install the pan, if you use the alternating current, please plunge one side of the power wire into the adapter's jack under the scale's body and the other side into the power supply socket and weighing is ready.

2.2 Replace the cell

1. Use cross screwdriver to take down the lid of the cell's box under the scale, then take down the cell's fixing plank, at last take down the cell.
2. Change a new cell, pay attention to not connecting the electrode contrary.
3. Cover the lid of the cell's box, pay attention to lay the airproof circle firmly and insure the airproof quality.

2.3 Turn ON/OFF the machine

2

- 5.12 It will display【0.0000】with the right denotative cursor light
Setting lower limit Press 【ZERO】 key to select decimal place Press【TARE】 key to select value for adding 1 for the same bit circular, Press FUNCTION]to continue

- 5.13 It will display【0.0000】with the left denotative cursor light
Setting upper limit Press 【ZERO】 key to select decimal place Press【TARE】 key to select value for adding 1 for the same bit circular, Press 【FUNCTION】to continue

5.14 It will display 【END】

Press 【FUNCTION】to preserve above settings and back to weighing state

Notes: 1. If you want to revise one of the installment listed above, when entering into the installed state, press the k 【FUNCTION】, skip the terms which don't need to revise until entering into the term which need revise, then revise the parameter, press the key 【FUNCTION】again, skip the terms which don't need to revise until get to 【END】, press the key 【ZERO】 again, then save it. Notes: Press the key 【TARE】 can return to the last step.

2. The acquiesced parameter is U0.0=1 (high-speed), U0.1=1(successive), U0.2=2 (auto), U0.3=1(kg), U0.4=1(without turning auto off), U0.5(it is not available), U0.6=1(10%), U0.7=1(2%), U0.8=1(without buzzer's output), UP_DATA=0, LO_DATA=0

6 The basic equipment and function

L3 type				
capacity	1.5kg	3kg	6kg	15kg
division value	0.02/0.05/0.1/0.2/0.5g	0.05/0.1/0.2/0.5/1g	0.1/0.2/0.5/1/2g	0.2/0.5/1/2/5g

L6 type			
capacity	division value	capacity	division value
1.5kg	0.75/1.5kg 0.5/1g	3kg	1.5/3kg 1/2g
	0.75/1.5kg 0.2/0.5g		1.5/3kg 0.5/1g
	0.75/1.5kg 0.1/0.2g		1.5/3kg 0.2/0.5g
	0.75/1.5kg 0.05/0.1g		1.5/3kg 0.1/0.2g
	0.75/1.5kg 0.02/0.05g		1.5/3kg 0.05/0.1g
6kg	3/6kg 2/5g	15kg	7.5/15kg 5/10g
	3/6kg 1/2g		7.5/15kg 2/5g
	3/6kg 0.5/1g		7.5/15kg 1/2g
	3/6kg 0.2/0.5g		7.5/15kg 0.5/1g
	3/6kg 0.1/0.2g		7.5/15kg 0.2/0.5g

7

5.5 It will display: [u0.3 x] unit setting for three grades:
 x=1 , kilogram
 x=2 , gram
 x=3 , 1 pound
 Press the key [ZERO] to choose x, press the key [FUNCTION] to continue

5.6 It will display: [u0.4 x], power-off time setting for four grades:
 x=1 , non auto turn off mode
 x=2 , turn off automatically after 10 minutes
 x=3 , turn off automatically after 20 minutes
 x=4 , turn off automatically after 40 minutes
 Press the key [ZERO] to choose x, press the key [FUNCTION] to continue
 Notes: This function not effective in the use of alternating current

5.7 It will display: [u0.5 x] (function not used)
 5.8 It will display: [u0.6 x] Zero range factory setting, for four grades:
 x=1 , 10%
 x=2 , 20%
 x=3 , 50%
 x=4 , 100%
 Press the key [ZERO] to choose x, press the key [FUNCTION] to continue

5.9 It will display: [u0.7 x] Zero range setting, for three grades:
 x=1 , 0.5e
 x=2 , 1.0e
 x=3 , 1.5e
 x=4 , 2.0e
 x=5 , 2.5e
 Press the key [ZERO] to choose x, press the key [FUNCTION] to continue

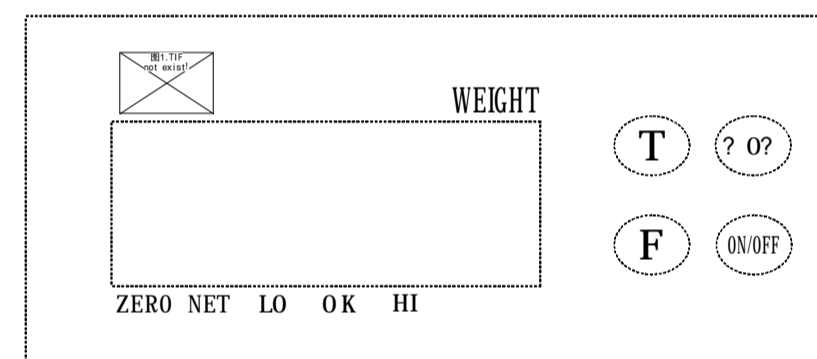
5.10 It will display: [u0.8 x] Zero tracking range, for five grades:
 x=1 , without the buzzer's output
 x=2 , when the weight is within the range of installment, it will ring once
 x=3 , when the weight is beyond the range of installment, it will ring twice
 Press the key [ZERO] to choose x, press the key [FUNCTION] to be definite, then enter into the next installment.

5.11 It will display [u0.9 x] buzzer output setting, for three grades:
 x=1 non buzzer output
 x=2 when the weight in the range of setting buzzer once
 x=3 when the weight beyond the range of setting buzzer twice
 Press the key [ZERO] to choose x, press the key [TARE] to continue

Press the key [ON/OFF] one second to turn on the machine with two minutes, it starts self-check automatically, successively display 1- - - 9 and all the cursors, at last indicate the ZERO point's cursor and enter into the weighing state.
 Attention: Nothing on the pan of the scale before switch on.

2. Turn off the machine
 Under the state of weighing, press the key [ON/OFF] until it indicate "OFF", then loose.

3 Display



3.1 光标指示

- kg light ——— Cursor indication
- g light ——— indicate current display of weight's unit is gram
- 1 blight ——— indicate current display of weight's unit is pound
- ZERO ——— indicate current weight is ZERO (the weight is ZERO)
- Net weight light ——— indicate current display of weight is net weight
- Lower limit light ——— indicate current weight is in the scope of settings
- Qualification light ——— indicate current weight is in the scope of settings
- Upper limit light ——— indicate current weight is beyond the scope of settings
- ——— battery electric quantity indicator (display power on)

Notes: Under the state of weighing DC, vertical-shaped display remanent electric quantity.

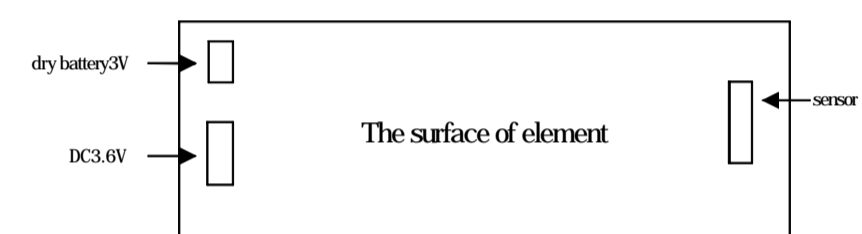
3.2 Function key

[ON/OFF] key ——— under the state of turning off, FUNCTION the key to turn it on; under the state of turning on, press the key until displaying OFF, it will be turned off.

【ZERO tracking】key- --- when the weight is under the scope of adjusting ZERO, press this key and the weight will display ZERO.

【TARE】key- --- when the weight is under the state of flaying, press this key and the weight will display ZERO, the cursor of net weigh will bright and display net weigh.

【FUNCTION】key- --- when the users set function, they will use this key.



4 Operation

4.1 ZERO tracking

It tracks ZERO as tuning on.

While tuning on, if it checks the weighing to surpass its capacity, it will display "Err-3", and this means it can't find the ZERO point. At this time please remove away the objects on the pan, then it will enter into the general weighing state.

4.2 press the key to track ZERO

It will be effective under the state of gross weight, when it displays negative gross number or indicates underload symbol "OL" or non-ZERO gross weight, press the key 【track ZERO】 to return to the gross weight ZERO.

4.3 Weighing directly

1. Put the objects on the pan, it will indicate weight directly.
2. If you remove away the objects, it will return to ZERO.

4.4 TARE to weighing

1. Put the container or packing box (50g) on the pan, press the key 【TARE】, the net weight cursor will flash and indicate【0.000】.
2. Put the objects (400g) which need to weight into the container or the packing box, it will display net weigh 【0.400】.
3. Repeat the first step may FLAY successively.
4. Take down the objects and the packing box, it will display gross weight number 【- 0.050】.
5. Press the key【TARE】, it will restore the state of gross weight ZERO.

4

Attention: Don't flay negatively, namely, when the objects weight on the pan is smaller than the existed TARE, don't permit to flay.

5 Enter into the installment of function

The users may revise the installment of function to make the function of scale more adapt to users individual's need

5.1 Press the 【ON/OFF】 key to switch on the scale. While it displays 1-9, press 【TARE】 key until 【ini n】 displays. Unloosen 【TARE】 key with the display of 【ini n】 to go to function setting mode.

Press the 【ZERO】 key to change between N 【ini n】 or Y 【ini y】

N factory settings Press F to continue

Y change settings Press F to continue

5.2 It will display:【u0.0 x】 speed selection, it is divided into six grades:

x=1, high speed

x=2, cruising speed

x=3, slow speed

x=4, shockproof light

x=5, shockproof moderate

x=6, shockproof deep

Press the key【ZERO】 to choose x, press 【FUNCTION】 to continue.

5.3 It will display: 【u0.1 x】 mode setting for five grades:

x=1, display for high change consecutively

x=2, display for fast change consecutively

x=3, display for cruising speed change consecutively

x=4, display for slow change consecutively

x=5, display for the change after stabilization

Press the key【ZERO】 to choose x, press the key 【FUNCTION】 to continue.

5.4 It will display: 【u0.2 x】 backlight setting, divided into three grades:

x=1, no backlight

x=2, automatic backlight, switches off after 10 seconds

x=3, bac light on

Press the key【ZERO】 to choose x, press the key 【FUNCTION】 to continue

5