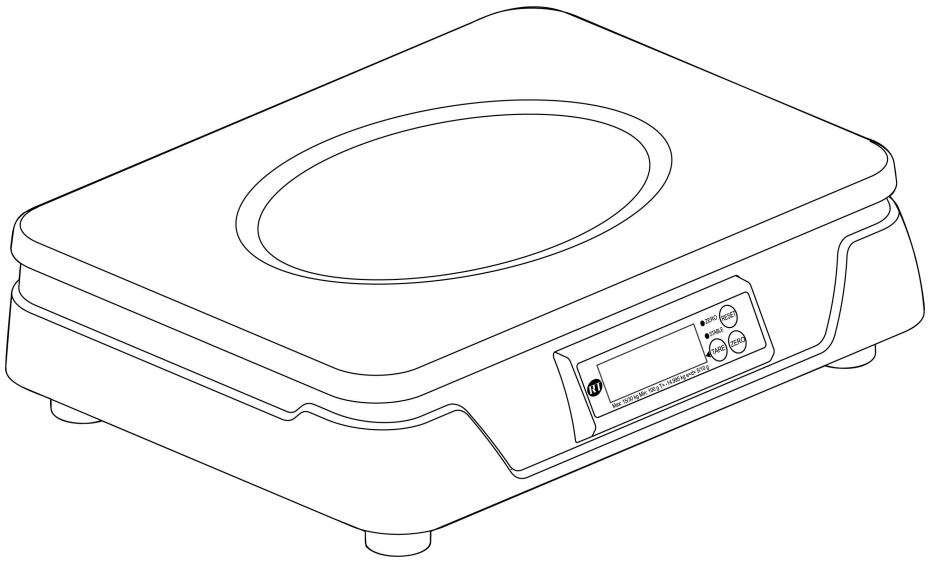
RONGTA **User Manual**

C1 Pos Scale



Contents

Introduction

Thank you for choosing our Pos Scale. In order to operate Pos Scale correctly, User manual is detailed in function and operation method of Pos Scale, which help user with doubt quickly when come up against mechanical fault .

Rongta research, develop, produce and sale the Pos Scale independently, which is high-performance Pos Scale.

Pos Scale is the best choice for user, power function and high durable, which make Pos scale more popular in store ,fresh food supermarket ,farmers market and so on.

Note : this product information are subject to change without prior notice.
This information is for reference only. In addition to China's existing laws and regulations, the company does not undertake any due to the direct or indirect losses caused by use of this information.
The company reserves the final interpretation.

1. Specification of Pos scale register

- The Weighing range and accuracy:

Max weight: 15kg	Max weight: 30kg
Min weight: 40g	Min weight: 100g
0kg to 6kg * 0.002kg (e=2g)	0kg to 15kg * 0.005kg (e=5g)
6kg to 15kg * 0.005kg (e= 5g)	15kg to 30kg * 0.01kg (e= 10g)

- The accuracy grade: (III)
- Resolution

  Input sensitivity:greater than or equal to50μV/D

  zero-point adjustment range: ±60mV

  temperature coefficient: ±0.0012%CTYP

  [Zero] ±(0.2μV+0.0008% of Dead Load)/℃TYP

  Nonlinearity: 0.01%F.S.

  A/D resolution: Max 30000 resolution

  Display resolution: 1/3000

  A/D conversion rate: 10 times/second

- Regular:

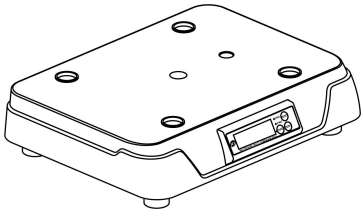
  Power supply: DC12V ⎓ 5A

  Power consumption: 12W

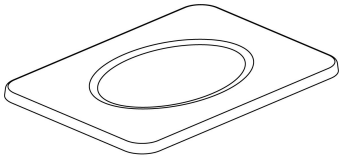
  operating temperature: 0℃-40℃

  Physical appearance: 245mm*350mm*68mm

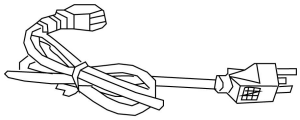
2. Standard configuration of Pos scale register



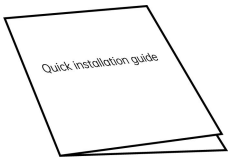
Main body



Scale pan



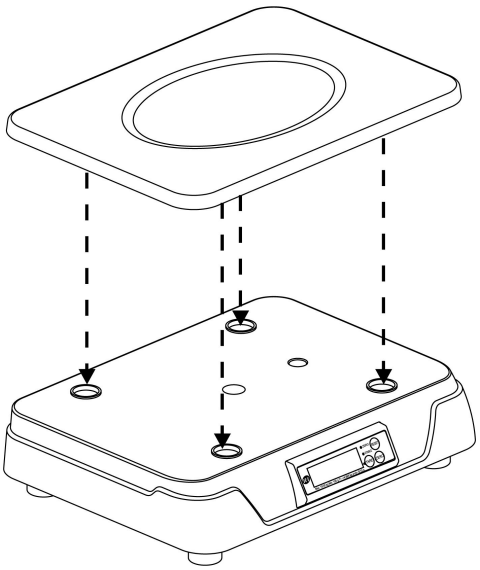
Power cable

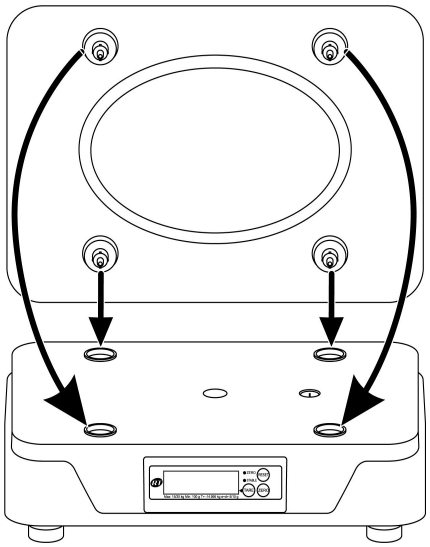


Quick installation guide

3. Pos scale installation steps

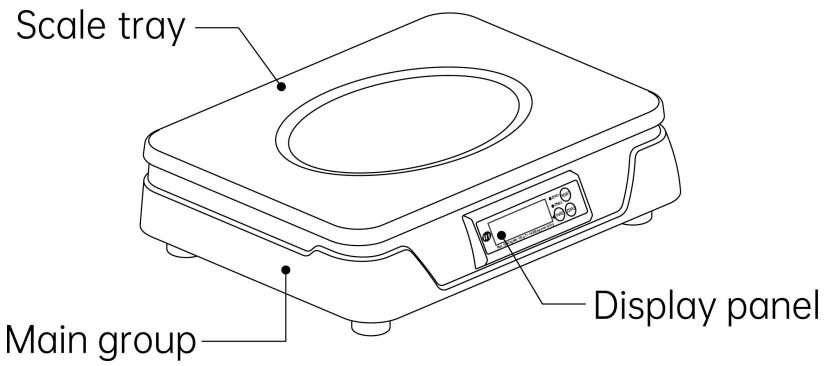
Take out the scale pan and install it according to the following instructions.
Align the fixing feet of the pan with the limit holes of the main body group
and put them into.



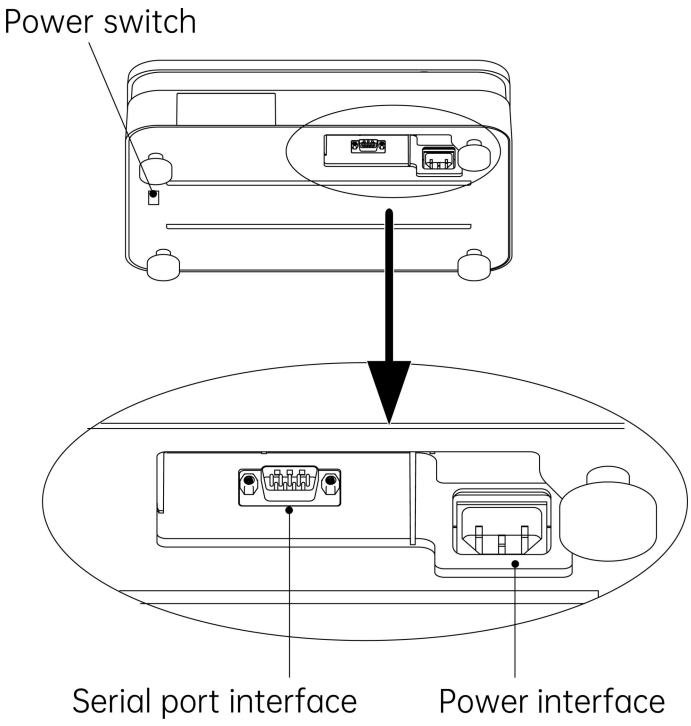


4. Overall Appearance

4.1 Front view



4.2 Bottom interface view

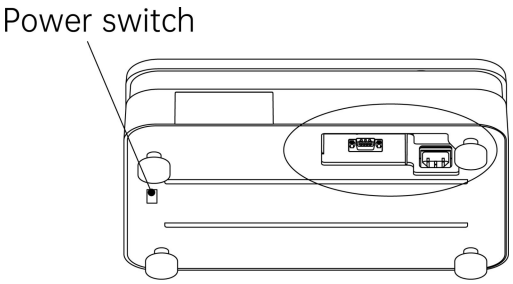


5. Common easy-to -use operations

5.1 Switch on and off

Hard disk switch:

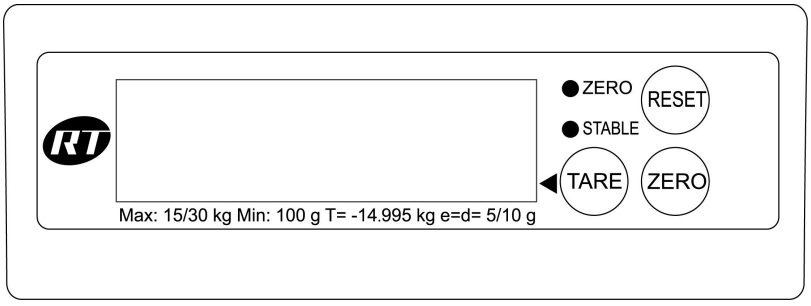
After connecting power supply,long press the black POWER button on the bottom of Pos Scale register for 2 seconds until the display is turned on. After entering the normal operation screen, the program will automatically run and perform self-test counting to verify whether the CRC is correct. If verification fails, the scale cannot work normally.



⚠ **Attention: Under self-test situation, please do not press any button and make sure nothing is on the scale, otherwise it can't work normally Soft disk switch on/off:**

Turn off: Short press the power switch at the bottom for 2 seconds.

5.2 Weight display



Key Description

Tare: This operation is only for products need to be packaged, such as eggs, beans, etc.There are two methods which are suitable for package and goods separated & package and goods non-separated.

Zero: Press the Zero key to zero the scale. (Note: more than 300g can not be reset to zero)

Reset: Used to restart the weighing module.

6. Troubleshooting of Pos scale register

6.1 Crash or fail to start

Reasons：a. Power line and interface error;
b.Adapter error;
c. Main board error.

Solutions：a. Re-plug the power line;
b. After power on，if the adapter indicator is off，it means the adapter is abnormal；
c.The board is abnormal.

6.2 The display screen does not display or the display screen is blurred

Reasons：a. Poor contact of screen line connector;
b. The display screen is damaged, or the main board is damaged;

Solutions：a. Re-plug the screen line connector
b. If it still fails, it may be caused by screen damage or main board damage

6.3 Unable to weigh properly

Reasons：The main board or AD board fails, sensor fails, or CRC check fails；

Solutions：Please contact with us, we will provide you new version AD boardprogram or weighing software；

7. Appendix Comparison Table of Gravitational Acceleration Corrected Value

COUNTRY	CITY	G(m/sec^2)	COUNTRY	CITY	G(m/sec^2)
Greece	Athens	9.800	Scotland	Glasgow	9.816
South	Cape town	9.796	Spain	Madrid	9.800
Netherland	Amsterdam	9.813	Singapore	Singapore	9.781
Norway	Oslo	9.815	Argentina	Buenos Aires	9.797
New	Auckland,NZ	9.799	United	London,Greenw	9.812
New	Wellington,NZ	9.801	Australia	Melbourne	9.800
Taiwan	Taichung	9.789	Australia	Sydney	9.797
Taiwan	Taiwan	9.788	Italy	Milano	9.806
Taiwan	Taipei	9.790	Italy	Rome	9.803
Denmark	Copenhagen	9.815	India	Calcutta	9.788
Germany	Fankfurt	9.810	Japan	Tokyo	9.798
Mexico	Mexico City	9.779	Canada	Ottawa	9.806
U.S.A	Birmingham	9.813	Canada	Vancouver,BC	9.809
U.S.A	Chicago	9.803	Cuba	Havana	9.788
U.S.A	Los Angles	9.796	Kuwait	Kuwait	9.795
U.S.A	New York	9.802	Cyprus	Nicosia	9.797
U.S.A	San Francisco	9.800	Thailand	Bangkok	9.783
U.S.A	Washington,DC	9.784	Portugal	Lisbon	9.801
Belgium	Brussels	9.811	France	Paris	9.809
Brazil	Rio de Janeiro	9.786	Finland	Helsinki	9.819
Sweden	Stockholm	9.818	Philippines	Manila	9.784
Switzerlan	Zurich	9.807			
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Denmark	Copenhagen	9.815	India	Calcutta	9.788
Germany	Frankfurt	9.810	Japan	Tokyo	9.798
Mexico	Mexico City	9.779	Canada	Ottawa	9.806
U.S.A	Birmingham	9.813	Canada	Vancouver,BC	9.809
U.S.A	Chicago	9.803	Cuba	Havana	9.788

- It should be handled by person in our company or dealers if want to adjust acceleration of gravity

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