

User Manual

CS/BCS Series

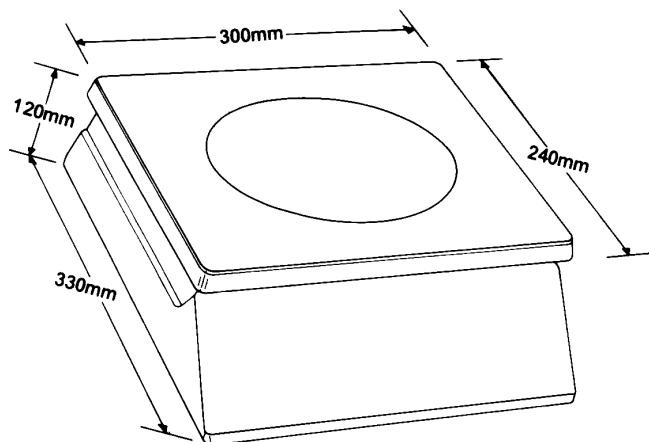
COIN COUNTING SCALE

Cautions

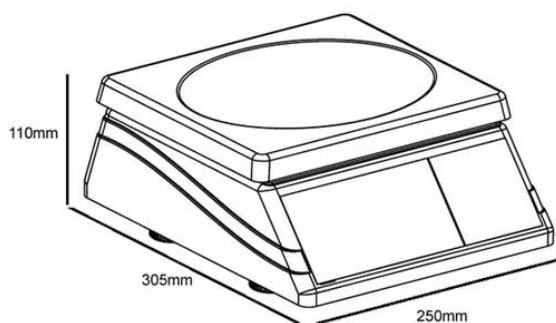
- Upon receiving the scale, please take at least 8 hours to recharge the battery before you start to operate this scale.
- Please recharge the battery after a long period of storage (more than one month). It takes 8~10 hours to fully recharge the battery.
- Please assemble the platter before powering on the scale.
- Do not keep the weight placed on the platter for a long period.
- Keep the scale away from the environment with high temperature, high humidity, heavy press, and heavy bump.
- Always make sure the scale is located in a flat and plane surface.

DIMENSION

CS Scale:



BCS Scale:



DISPLAY

❖Zero Indicator (**ZERO**):

Switch on the scale. Normally, the scale will adjust to zero point automatically and the ▼ cursor will appear on WEIGHT Display (at the above of **ZERO**). If not, press [**ZERO**] key to adjust the scale at zero point.

❖Net Weight Indicator (**TARE**):

Place the container or package on the platter and then press [**TARE**] key. The ▼ cursor will appear on WEIGHT Display (at the above of **TARE**). Then users can read the net weight of measured subjects with packages or containers.

❖Accumulating Indicator (**ADD+**):

When users use [**ADD+**] key to save the measured weight and value/quantity into the memory bank, the ▼ cursor will appear on DENOMINATION Display (at the above of **ADD+**). Press [**TOTAL CLEAR**] key, this cursor will disappear.

❖SHIFT-Mode Indicator (**SHIFT**):

Press [**SHIFT**] key to enter SHIFT mode. The ▼ cursor will appear on DENOMINATION Display (at the above of **SHIFT**). Press [**SHIFT**] key again to go back to

normal operation mode, and the cursor will disappear.

❖ **Quantity-Mode Indicator (QTY):**

Press [**VALUE/QTY**] key to switch the scale between **QUANTITY-Mode** and **VALUE-Mode**. The ▼ cursor will appear on **VALUE/QUANTITY** Display (at the above of **QTY**) when the scale is switched to **QUANTITY-Mode**.

❖ **NOTICE!!**

The internal resolution (accuracy) of this scale is **1/15000**. However, we strongly suggest that **the minimum unit weight of measured coins / subjects must be not less than the sensitivity/minimum capacity.** (for CS-30kg x 5g, the unit weight of each coin should not be less than 5g).

Operation Instructions

■ Status of the Battery :

When VALUE/QUANTITY LCD indicates **-Lo-** and the scale sounds **beep beep beep** every thirty-minute, it means the battery is running in low-voltage status. Press [CLEAR] key could clear **-Lo-** showed on VALUE/QUANTITY LCD. Then VALUE/QUANTITY LCD will indicate **-Lo-** every thirty minutes for reminding the user to recharge the battery. If the battery is still running in low-voltage status without being recharged for 2~3 hours, VALUE/QUANTITY LCD will indicate **-OFF-** and the scale will sound **beep-beep for 8 times**. Please power off the scale and recharge the battery immediately.

00, 0 ~ 9:

(1) Under normal operation mode:

00 、 **0** 、 **1** 、 **2** 、 **3** keys: empty preset keys for different value/unit weight settings.

4、**5**、**6**、**7**、**8**、**9** keys: standard preset keys for different kinds of coins – **20p(5.6g/pce)** 、 **50p(7.6g/pce)** 、 **1 £ (7.4g/pce)** 、 **1p(2.6g/pce)** 、 **2p(3.2g/pce)** 、 **5p(3.8g/pce)**

(2) Under SHIFT-Mode:

00 、 **0** ~ **9** keys: Numeral keys



- (1) Under normal operation mode: empty preset key for value/unit weight of any coin.
- (2) Under SHIFT-Mode: for setting the decimal point.

CLEAR:

This key is for clearing the figures that is showed on DENOMINATION Display.

VALUE/QTY:

This key is for switching the scale between **QUANTITY-Mode** and **VALUE-Mode**.

SHIFT:

This key is for entering SHIFT-Mode. Press [**SHIFT**] key again to go back to normal operation mode.

ZERO:

This key is for adjusting the scale at zero point. The ▼ cursor will appear on WEIGHT Display (at the above of **ZERO**).

TARE:

This key is for getting the net weight value; please place a package or container on the platter and press [**TARE**] key.

e.g.: If the package is 200g, WEIGHT Display will show **-200** after users take the package away from the platter.

ADD+:

This key is for saving the measured weight and value/quantity into the memory bank. Please be reminded that **ADD+** function must be operated under **the same kind of coin** and **the same operation mode (QUANTITY or VALUE)**. Otherwise, the result of total accumulation will be meaningless and incorrect.

TOTAL:

This key is used to recall the total accumulation of total weight (on WEIGHT Display) and quantity or value (on VALUE/QUANTITY Display). Press [**TOTAL**] key again to go back to normal operation mode.

TOTAL CLEAR:

This key is for deleting all the accumulation data in the memory bank.

10p:

This standard preset key means **10p (4.2g/pce)** under normal operation mode.

Empty White-Key:

This key is an empty preset key for saving value/unit weight settings.

Value/ £ 2:

- (1) Under normal operation mode: This standard preset key means **£ 2 (8.4g/pce)**.
- (2) Under SHIFT-Mode: [value] key for define the denomination value of each preset key.

pcs:

- (1) Under normal operation mode: empty preset key for saving the denomination/unit weight of any coin.
- (2) Under SHIFT-Mode: pressing this key to set the quantity value of sampling coins placed on the platter.

UW:

- (1) Under normal operation mode: empty preset key for saving the denomination/unit weight of any coin.
- (2) Under SHIFT-Mode: pressing this key to set the unit weight value of each sampling coin.

❖ How to define the preset key for each different denomination/unit weight:

A. To calculate the averaging unit-weight of sampling coins:

1. Power on the scale.
2. Put 200 pieces of 25cent-coin (or other kinds of coins) on the platter. WEIGHT display will show the total weight value of 25c x 200 pieces.
3. Press [**SHIFT**] key once. DENOMINATION display will show ▼ cursor at the above of "**SHIFT**".
4. Key in **200**, and then press [**pcs**] key once, the scale will calculate the averaging unit weight (showed on DENOMINATION display) of 25c-coin.
5. Press [**value**] key once, WEIGHT display will show **SETUP**.
6. Key in **0.25** (denomination-value of 25c-coin), and then press [**value**] key again. WEIGHT display will show **Ent**, and VALUE/QUANTITY display will show **0.25**
7. Press [**4**] key (or any other empty preset keys you prefer to program) and **do not release your finger from the**

key till the scale sounds **BEEP**. WEIGHT display will go back to total weight value of 25p x 200 pieces, and DENOMINATION display will show 0.25, and VALUE/QUANTITY display will show **50.0** under VALUE-mode or **200** under QUANTITY-mode.

8. Finish settings.

B. To setup the unit-weight of each coin:

1. Power on the scale.
2. Press [**SHIFT**] key once. DENOMINATION display will show ▼ cursor at the above of "**SHIFT**".
3. Key in **5.6** (means 5.6g/pce), and then press [**uw**] key once. DENOMINATION display will show **5.6**.
4. Press [**value**] key once, WEIGHT display will show **SETUP**, and DENOMINATION display will show **5.6**.
5. Key in **0.20** (denomination-value of the coin), and then press [**value**] key again. WEIGHT display will show **Ent**, and VALUE/QUANTITY display will show **0.20**, and DENOMINATION display will show **5.6**.
6. Press [**4**] or any one of empty preset keys you prefer to program, and **do not release your finger from the key** till the scale sounds **BEEP**.
DENOMINATION display will show 0.20.
7. Finish settings.

Recharge the Battery

Power off the scale and connect the power cord to an AC outlet. CHARGE LED will indicate the ongoing status of the battery. It takes about **8~10 hours** to fully recharge the battery.

CHARGE LED:

Color of LED	Status of the battery
RED	Initial connection
ORANGE	Charging
GREEN	Fully-charged

Power Requirements

- AC : 220V, 50/60 Hz
- DC : 6V DC / 25mA rechargeable battery;
P=0.2W(max)

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