WEIGHT

UNIT WEIGHT

QUANTITY

ZERO AC

CSF
Counting Scale
Balanza Cuentapieza

g lb

COUNTING SCALE **CSF**

User Manual

Hi WEIGH
Weighing system & solution

This is a newly developed product by our company .It uses the A/D integrated circuit and has such features as fast speed and good stability and so on. It can be widely used in many places where the counting scale is used, such as in the factories and shops.
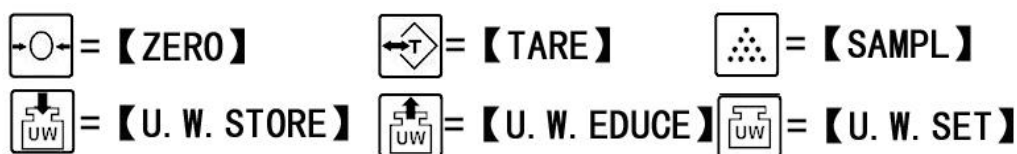
I.　　MAIN FEATURES

1.1 high precision in counting.

1.2 unit weight setting, single weight save and up and down limit for counting

1.3 counting accumulation

II.　　BEFORE USE

2.1 Before the scale is used, you should ensure the level of the scale by adjusting four adjusting screws on the bottom of the scale and make the leveling ball placed in almost center of the bubble and then tighten the adjusting screws.

2.2 The scale is not used in the place where the temperature is changed too much and the air is flowing more quickly, for example under direct sunlight and in a place with a draught

2.3 The socket for the scale is required to use independently so as to avoid the interference by other electrical appliance.

2.4 Do not put something on the pan of the scale before it is turned on

2.5 When the scale is used, the center of gravity for a weight will be placed in the center of scale pan and the weight can not go beyond the area of the scale pan so as to ensure its accuracy

2.6 10-20 minutes are needed for warming up when you use the scale so as to ensure its accuracy

2.7 The calibration is absolutely necessary when the scale is used for the first time or in the high temperature (for example more than 15°C)

2.8 When the battery voltage becomes lower, the scale will tick every 15 minutes and when the battery voltage becomes further lower, "LOBAT" ,the sign for lower battery voltage can be seen. Whatever happens, you should recharge the battery at once.

2.9 The battery should be charged for more than 12 hours when the scale is used for the first time so as to ensure the working life of the battery

2.10 It is normal phenomenon if you find the figure drifting now and then when the scale is turned on. Press the【ZERO】 key first and then use it.

III.　　OPERATION

3.1 When turned on, the scale enters automatically in the self checking program and zero position. The WEIGHT window and SINGLE WEIGHT window and QUANTITY window indicates "0".

3.2 【ZERO】 and 【TARE】:Press【ZERO】 key or 【TARE】 key when the zero is not displayed for the empty scale or the weight deduction is needed for the scale with tare until you see the zero in the WEIGHT window or the signs for the zero or tare.

The zero range is ≤4% of full weighing capacity (If the scale is in the status of TARE, it should exit compulsively and no function for zero is carried out.

The tare range ≤ full weighing capacity. The tare can be carried out in succession. The tare will be invalid when the sign "-" is seen in the WEIGHT window when the scale is not in the status of TARE.

3.3 Usage for counting

Method 1: Put some pieces of the object whose weight is the same on the scale pan (for example 100 or 200 pieces, depending on the different unit weight of the object. Generally speaking, more than 20

checking resolutions are required). Press the number keys for inputting the sampling quantity (100 for example) first and then 【SAMPL】 key. At this moment, the input quantity will be seen in the QUANTITY window (only for the whole number). The UNIT WEIGHT window shows the unit weight of a object. (The more the sampling quantity is, the more accurate the counting result is). And then you can take count of what you want now.

Method 2: If you already know the unit weight of the object, input the unit weight by pressing the number key and decimal point key (press 【CLR】 key for inputting again if you find mistake for input).After inputting the single weight and pressing 【U.W.SET】 key, you can take count of what you want to.

Method 3: If the unit weight value is already stored in a number unit you designated, the said weight value can be returned by pressing 【U.W.EDUCE】 key and it shows "POP" and then press "0-9" key, entering into the counting status (for example, after this scale is turned on, press 【U.W.EDUCE】 key and then press 【1】 key ,thus the unit weight of a object that is stored already will be displayed in the UNIT WEIGHT window. And then you can take count of whatever you want).

3.4. 【M+】 key: If you want to add the current quantity to last or next quantity ,the accumulation will be done like this.

Press 【M+】 key after putting the quantity and until the figure in the QUANTITY window becomes stable and at this moment, the QUANTITY window will show "ADD", and the UNIT WEIGHT window shows nx (x stands for the time and the QUANTITY window shows the total counting value for the current and last quantity. At this moment, press 【M+】 key and return to the normal status for counting.

The buzzer will alarm when the accumilated value in total exceeds 99999.showing "Err6" at the same time. It will automatically exit when the accumulated times exceeds 99.

The counting value of the total accumulation can be seen by pressing 【M+】 key when the WEIGHT windows shows "0".At this moment, it can return back by pressing 【M+】 key and the accumulated counting value can be cleared up by pressing 【CLR】 key.

3.5.**BACK LIGHT :** Hold and press 【TARE】 key can ON/OFF for the backlight

3.6.【U.W.STORE】 key: When it is being counted and if you want to save the current unit weight in a certain unit (0-9),please operate like this: Press 【U.W.STORE】 key, showing "PUSH" and then press "0-9" key, thus saving the unit weight in its corresponding unit.

3.7. unit convert : The weighing unit can be converted by pressing and holding 【UINT】 key, when the WEIGHT window shows "0".

3.8. 【CLR】 key: All the figure already input and the counting value for the accumulation can be cleared by pressing this key except for the data that is illegal.

3.9.【CAL】 key: When the scale is found inaccurate, you can put the poise that is 1/3 of full capacity weight after the scale is turned on and getting stable, and then press and hold 【CAL】 key for three seconds. The calibration is over then.

IV. ATTENTIONS

4.1. The battery will be recharged every three months at least if the scale is not used for a long time and make sure that the switch at the bottom of the scale is on OFF so as to avoid the discharge of the battery (The battery does not include in warranty clause).

4.2. When putting something on the scale pan, you should avoid the bumping and overload

4.3. Strictly protect the scale from being wetted by rain and washed

4.4. It is strongly suggested to use the scale in the condition where the temperature is at 0 ℃ to 40 ℃ and moisture at 0%to 80%

4.5. Prevent the black beetle or other insect living in the scale

4.6. When it is used, the table is required smooth and stable and without any disturbance caused by sharp vibration and the wind

v.201811

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