

Operating Manual for TC-KS Series of Electronic waterproof platform scales

(For following models: TC60KSB,TC150KSB,TC300KSB)

1. Overview

Thanks for your support of our product, with waterproof and anti-pollution functions, TC-KS series of electronic waterproof platform scales can be used in variety of weighing measurement. With all stainless steel body, it can fit for a variety of harsh environment.

2. Specification and performance index

Model	TC60KSB	TC150KSB	TC300KSB
Weighing(max.)	60kg	150kg	300kg
Resolution	20g	50g	100g
Calibration value	5d	5d	5d
Tare range	0~60kg	0~150kg	0~300kg
Calibration weight	50kg	100kg	200kg
Weighing plate	500×400 mm		
Power supply	power adapter input:AC230V50Hz/60Hz Output: DC12V/600 mA Battery: 6V 4AH (include)		
Operation temperature	-10~40°C		
Humidity	≤98%R.H		

3. Preparatory work and attentions

- 3.1 The scale should be placed on the flat and solid surface. Adjust the four legs and let them support the scale.
- 3.2 The scale should avoid great temperature changing, intense air flowing and ground vibration.
- 3.3 Use separate power outlet and avoid dynamic power.
- 3.4 Without any item when switching on the power.
- 3.5 15min. preheating is needed.
- 3.6 When the indicator of battery lights, which means battery is near empty and need to recharge. Using balance under this situation can result in instability or major error. At the same time, the calibration function will automatically shut down.
- 3.7 Because of long-term not using, the scale must be placed in dry-ventilated place and recharge every three months. Charging is necessary before or during re-using.
- 3.8 Carefully weight. Any impact or overload is interdicted. Otherwise the scale will be permanent damaged.

4. Operational method

4.1 The newly bought or long-time not used scales should be connected with power supplier before using. Pull out the plug in order to charge the battery, it can be used normally while recharging and “” will flicker on the display, disappear when full.

4.2 “” switch: Press “” when the scale is off, the display will show “ON, Voltage, Tare range”, then shows “0”, press this key to turn off.

4.3 “TARE”: with empty scale platform, the displaying deviates from zero, pressing “TARE” key, then the displaying will return to zero; If need to tare, first place the container on the platform, after stabilizing, press “TARE” key, the scale displays “0”. Then place the article in container, at this time, it shows the net weight of the article, remove the article and the container, the scale shows a negative value of container weight. Still press “TARE” to return to “0”.

4.4 “” : the units can be changed between “kg” and “lb”

4.5 COUNT: sampling of article by “COUNT” key to enter the counting state

4.5.1 Choose the quantity of samples: To precisely count the articles, firstly the quantity of samples for counting should be chosen in according with the weights of the articles. The quantity of samples can be chosen from “1-10-20-50-100”. For a small number of articles, the larger quantity of samples, the more precise.

4.5.2 Place one or more samples on the empty pan, the balance will show the total weights of samples. Then press “COUNT”, the displaying will show “1”, at the same time, the displaying show unit “pcs”, with indicate that scale is now counting. And all the samples are one unit. Then press “”, the displaying will show between “1-10-20-50-100”. The quantity of articles and samples must be the same, and place the similar articles. The total amount of objects is showed, press the “COUNT” again back to the normal situation.

4.6 Calibration Method

Hold on “TARE” and press “” when the scale is at zero point, the display shows “CXXXX-” (XXX should be the weight of standard weights, for example: when displaying showing “C 100” expressed the need to place a standard weight 100kg) and enter into calibration status, place the calibrating weight on the platform, after stability, the scale displays the weight of the calibrating weights and the unit “kg”, till now the calibration is completed and the scale can be normally used. Under the calibration status, press “TARE”, it will quit.

PS: Setting and meaning

Press and hold on “” to turn on the scale, displays “ON, voltage” and then enter into setting mode, pressing “” to change the parameters, pressing “TARE” to change the values of parameter.

1. C1-----Sensitivity setting 0 1 2 3 4, the larger number is, the less sensible but the better stable. Default setting is 2 or 1.

C2----Filtering strength setting 0 1 2 3, the larger number is, the lower reaction speed but the better stable. Default setting is 2 or 1.

C3---- Battery save mode, “0”: no saving mode, “1”: turn off the data display when stabilization for 3 minutes, “2”: turn off the data display when stabilization for 3 minutes, auto power-off after 1 hour. Default setting is 2.

C4----For this series no use..

C5----bright display mode. 0: darker than 1 ; 1: normal ; 2:lighter than 1 ; Default setting is 1.

Press “” the scale will return to 0. Holding on “TARE” to turn on the scale will restore factory settings, calibrating before using.