

# KCS 1000 Counting Scale Instructions

## Calibration

1. Under the normal weighing mode, press and hold **0** and **ON/OFF/EXIT** key for more than 3s to enter the calibration mode.
2. After entering into the mode, the weighing window will display CAL.ON or CAL.OFF, which means the calibration switch is on or off. If the calibration switch is on, the scale is ready for calibration and the calibration parameter can be saved. If the calibration switch is off, the calibration cannot be entered. The PIECE WEIGHT window displays “Unit.0” or “Unit.1” for the calibration unit choosing, the WEIGHT window displays“-----”.
3. Use **UNIT** key to choose the calibration unit kg or lb (the corresponding unit indicator will be lighted on), use **ON/OFF/EXIT** to exit the mode, or **ENTER** key to confirm the unit and go to the next step.
4. The WEIGHT window displays CAL.ON or CAL.OFF, PIECE WEIGHT window displays “unLoAd” (this means that the scale is ready to calibrate the zero point, please move away any weight on the scale), the COUNT window displays the output inner code of A/D. When the scale is stable and the unit indicator stops flashing, press **ENTER** key to confirm the zero point calibration, or use **ON/OFF/EXIT** key to exit the mode. After the scale is stable and gets the zero point, the scale will go to the next step automatically.
5. The display of the WEIGHT window remains the same, the PIECE WEIGHT window displays “LoAd”, (this means the scale is ready to calibrate the standard weight). Place a standard weight between 25%-100% FS on the center of the scale, press **ENTER** to confirm the standard weight calibration after the scale is stable and the unit indicator stops flashing, or use **ON/OFF/EXIT** key to exit the calibration mode. When the scale gets the stable data, it will go to the next step automatically.
6. The display of the WEIGHT window remains the same, the PIECE WEIGHT window displays “InP.Ld” Input Load Weight, the COUNT window displays “0.000”, please move away any weight on the scale and use 0-9 numerical key or clear key to input loaded standard weight, then press **ENTER** key for confirmation, the input data will be shown on the total weight window.
7. When the PIECE WEIGHT window displays “unLoAd” again, the scale is ready to re-confirm the zero point, move away any weight on the scale, after the scale is ready and unit indicator stops flashing, press **ENTER** to confirm.
8. After the calibration completes, the scale will re-initialize to be ready for normal weighing.
9. If there’s an error occurred in calibration, the scale will display CAL.Err (this normally means incorrect data input or loading weight), please return back to the last step or use **ON/OFF/EXIT** to exit the calibration mode.

### **Display A/D inner code and working voltage**

When in normal working mode, press ON/OFF/EXIT and 3 key at the same time till the PIECE WEIGHT window shows “codE” to enter this mode. Now WEIGHT window will show “UoL.x.x” (Voltage x.x V), this means the inner working voltage is x.x V. If the scale uses AC power adaptor, the voltage is the power adaptor voltage after regulating. If the scale is not powered by adaptor, the displayed voltage is the battery voltage. It will display A/D internal code in **COUNT** window.