

HXC-F Counting Scale

Operation Manual

TABLE OF CONTENTS

I. Precautions Before Using The Scale-----	1
II. Explanation Of Display Symbols-----	2
III. Keypad Functions-----	2
IV. Operations-----	4
(I) SWITCH ON & OFF-----	4
(II) ZERO FUNCTION-----	4
(III) TARE FUNCTION-----	4
(IV) COUNTING-----	5
(V) ACCUMULATION-----	5
(VI) WARNING FUNCTION-----	6
(VII) WEIGHT RESPONSE SPEED-----	6
(VIII) BACKLIGHT-----	6
V. Calibration-----	7
VI. Recharging the battery-----	7

I. Precautions Before Using The Scale

Environment

The scale should always be used in an environment, which is free from excessive air currents, corrosives, vibration, and temperature or humidity extremes. These factors will affect displayed weight reading.

DO NOT install the scale :

- Next to open windows or doors causing drafts or rapid temperature changes.
- Near air conditioning or heating vents.
- Near vibrating, rotating or reciprocating equipment.
- Near magnetic fields or equipment that generates magnetic fields.
- On an unstable work surface.
- In a dusty environment.
- In direct sunlight.


Leveling the Scale


The scale is equipped with a level indicator on the left bottom side of the front panel and four adjustable leveling feet. Adjust the leveling feet until the bubble appears in the center circle of the indicator.


Turn on Scale

Do not turn on scale with anything on the platform. The switch is located on the right side of the scale. The scale will return to zero for normal weighing. The scale is then ready for use. Give a warm-up for 15~30 minutes before use is most suggested.

II. Explanation Of Display Symbols

 : Scale is in TARE mode.


 : Scale is in stable mode.

 : Scale is in ZERO mode.

 : Scale is in ACCUMULATION mode.

 : Samples are insufficient


 : Scale is in WARNING mode.


 : Scale needs recharging once this battery sign appears.

III. Keypad Functions

 ~  : Numeric keys.


 : Decimal point key.

 : If there is a minor weight displayed, without anything on the pan; hit the zero key to clear the display.


 : Use this key to subtract the container's weight.

Indicates that the current weight reading is net weight.

 : Use this key to accumulate weight value.

 : Press this key to clear the accumulated value.

 : This key is for quantity warning function.


 : Press this key to cancel warning function.


 : This is for calibration.

 : Use this key to choose preset desired weight measuring unit

 : use this key to confirm the given unit weight of the sample.

 : Sampling key . Used for keying in a sample size.

 : When input the incorrect number,press this key to clear.

 : Press this key to turn on/off backlight.

 : Weight response speed.


IV. Operations

(I) SWITCH ON & OFF



Push the ON/OFF switch to " I " position to turn on the scale & to " O " position to turn off the scale.

(II) ZERO FUNCTION


Zero range : $\pm 2\%$ of max. capacity

Press  key to return the display to zero in case there is any zero drifting while unloaded.

(III) TARE FUNCTION

1. Press  key to subtract the container's weight and then the indicator "◀" will be shown at the right side of  bol.
At this moment, place objects in the container. The display will show the net weight value. Remove both the container and objects, the display will show the gross weight (container + objects) accompanied by a negative sign.

2. If the container's weight is known before, it is allowed to input the

value and press  to subtract the container's weight, and then place objects with container on the pan.

The display will show the net weight value.


※ (container + objects) \leq Max Capacity.

Press  again to eliminate Tare mode.

(IV) COUNTING

1. Unit weight setting


A known unit weight can be directly input by giving the

value through numeric keys first then followed by pressing  keys.


2. Unit weight by sampling

a. Put the objects intended for sampling on the pan.

b. Key in the quantity (pcs) of the objects, this number will blink in unit Weight display.


c. Press  key, the calculated unit weight will then be shown in UNIT WEIGHT display and the remaining objects, the total quantity will then be shown in TOTAL COUNTS display

※ Sample size not enough

If the quantity of item put on the pan for sampling (sample size) is not enough, the indicator "◀" will be shown at the left side of  to remind user to add more for sampling for getting accurate quantity calculation.

(V) ACCUMULATION


1. Accumulate weight value

a. Place objects on the pan, and press  to accumulate.

The total weight will be shown on the WEIGHT display.

b. And the UNIT WEIGHT display will show "Addxx" (0<xx<99)



2.Accumulate quantity

- a.Under counting mode, press  to accumulate quantity.
- b.The WEIGHT display will show total weight value, UNIT WEIGHT display will show "Addxx" (0<xx<99), TOTAL COUNTS display will show total quantity.

※ The value or quantity shown on the display will disappear in about 3 seconds.

Press  to clear accumulated value or quantity.


(VI) WARNING FUNCTION

- 1.Input quantity that needs warning while exceeding,and press .
- 2.The indicator “◀” will be shown at the left side of ▶ on screen.
- 3.Under counting mode, if the quantity above preset value.
Scale will beep.
(For example, you input 100. When the quantity is more than 100pcs, scale beeps)
- 4.Press  to eliminate warning mode.

(VII) WEIGHT RESPONSE SPEED


Press  to choose response speed (speed1-speed3).

(VIII) BACKLIGHT

Press  to turn on/off backlight.

V. Calibration

Switch on the scale and press  for about 4 seconds.


Press  to bring the display to zero in case there is any zero drifting while unloaded.

1. Single point calibration

Place weights on the pan and input the weight value.

Calibration would be finished automatically when it is stable.

2. three points calibration

- a.Press  key.
- b.The TOTAL COUNTS will show the weight value (P1) that needs for calibration
- c.Place equivalent weights and wait for next step.
- d.When it shows P2, P3 value, repeat step b and c.

VI. Recharging the battery

Turn off the scale before recharging. A LED indicator on the panel, next to the word “ In Charge “, will go RED in the process of charging the battery. It will take approx. **8 hours** to fully recharge the battery.