

1. INTRODUCTION

The CR series of scales provides an accurate, fast and versatile series of general purpose light capacity handy crane scales.

All the keypads are mechanical switches and the displays are easy to read liquid crystal type displays (LCD). function include zero, tare, change weighing unit, hold

The rang of automatic zero is 20%, the rang of manual re-zeroing is 1%.

2. KEY DESCRIPTIONS

ON/OFF

Press this key, the scale will turn it on , press the key again, the scale will turn it off.

ZERO/TARE

Set the zero point for all subsequent weighing. The display shows zero.

Tares the scale. Stores the current weight in memory as a tare value, subtracts the tare value from the weight and shows the results.

When current weight less than 1% of capacity, do zero operate, when current weight more than 1% of capacity, do tare operate.

When scale off, you can hold this key to enter setting mode (check internal counts and calibrate)

HOLD/UNIT

Press the key to enter/escape hold mode, when in hold mode, hold indicator on.

the scale has two units, kg and lb, you can hold this key 3 seconds to select weighing unit, relevant indicator on.

3.BASIC OPERATION

3. 1 ZEROING THE DISPLAY

You can press the **ZERO/TARE** key at any time to set the zero point from which all other weighing and counting is measured, within 1% of power up zero.

This will usually only be necessary when the hook is empty. When the zero point is obtained the display will show the indicator for zero.

The scale has an automatic rezeroing function to account for minor drifting or accumulation of material on the hook. However you may need to press the **ZERO/TARE** key to rezero the scale if small amounts of weight are shown when the hook is empty.

* when current weight more then 1% of capacity, scale will do tare operate.

3.2 TARING

Zero the scale by pressing the **ZERO/TARE** key if necessary. The zero indicator will be on.

Place a container on the hook, a value for its weight will be displayed.

Press the **ZERO/TARE** key to tare the scale. The weight that was displayed is stored as the tare value and that value is subtracted from the display, leaving zero on the display. The "TARE" indicator will be on. As product is added only the weight of the product will be shown. The scale could be tared a second time if another type of product was to be added to the first one. Again only the weight that is added after taring will be displayed.

When the container is removed a negative value will be shown. If the scale was tared just before removing the container this value is the gross weight of the container plus all product that was removed. The zero indicator will also be on because the hook is back to the same condition it was when the **ZERO/TARE** key was last pressed. You can press **ZERO/TARE** key again to escape TARE mode.

*When current weight less than 1% of capacity, scale will do zero operate, this means tare weight can't less then 1% of capacity.

3.3 HOLD FUNCTION

if crane scale is not stale or reading not stable, it will be difficult to read data, you can use HOLD function to lock reading data.

Press **HOLD/UNIT** key, HOLD indicator on, current reading data will be locked, after you read, press **HOLD/UNIT** key again, HOLD indicator off, scale escape lock status, enter normal weighing mode.

4. ADULT OPERATE

4.1 ENTER ADULT OPERATE MODE

turn off the scale, hold the **ZERO/TARE** key and pres **ON/OFF** to turn on the scale, display show "**CAL**", enter adult operate.

4. 2 CALIBRATE

After enter adult operate mode, display show "**CAL**", press **ZERO/TARE**, display show "**UnLoad**", empty the hook, press **ZERO/TARE** key to sure, display show calibrate weight value, press **HOLD/UNIT**

key to select, after you select, press **ZERO/TARE** key to sure, display show "L0Rd", add calibrate weight on the hook, press **ZERO/TARE** key again, display show "PASS", calibrate finished.

4. 3 SET CAPACITY

After enter adult operate mode, display show "CAL", press **HOLD/UNIT** key, display show "CAP", press **ZERO/TARE** key to enter capacity setting, display show current capacity, press **HOLD/UNIT** key to change capacity, press **ZERO/TARE** key to sure.

4. 4 CHECK INTERNAL COUNTS

After enter adult operate mode, display show "CAL", press **HOLD/UNIT** key twice, display show "iRP", press **ZERO/TARE** key to show internal counts

4. 5 SET AUTO POWER OFF

After enter adult operate mode, display show "CAL", press **HOLD/UNIT** key three times, display show "oFF", press **ZERO/TARE** key to enter setting, press **HOLD/UNIT** key to select auto power off time (oF 0: don't use auto power off, oF 3: auto power off after standby 3 minutes, oF 10: auto power off

after 10 minutes), after you select, press **ZERO/TARE** key to sure.

6. BATTERY OPERATION

The scale use dry battery cell (3xsizeAA battery, the battery location at the rear side of the scale), move the battery cover to right side for open the battery house, move the battery cover to left side for close the battery house.

if you don't use the dry battery, please take away it from the box. If the dry battery is becoming to a wastrel, please put it into a special place.

Operation Manual

CR Series Crane Scales