



CRANE SCALE CX
User Manual

VALUE EACH GRAM
HiWEIGH

Safety Guide



Do **NOT** overload the scale. This will damage the load cell and void the warranty.

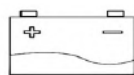
Do **NOT** leave load hung on the scale for long. This will decrease the scale's accuracy and shorten the load cell's life.

Inspect the shackle and hook before using.

When the scale runs out of power, replace the battery with full ones.

Do **NOT** use the scale under thunder or rain.

Do **NOT** attempt to repair the scale yourself. Contact your local distributor.



Please replace the battery if it runs out of life. The replaced battery must be handled correctly.

1. Specifications

• Capacity:	60/100/200/300Kg
• Divison:	0.02/0.05/0.1/0.1Kg
• Display:	LCD with backlight (0.7' /17.8mm)
• Power:	3*AA batteries
• Weight unit:	Kg/Lb/N
• Shackle/Hook Material:	Stainless steel
• Scale body:	Aluminum cast
• Tare Range:	100% F.S.
• Auto Zero:	+/- 50% F.S.
• Manual Zero:	+/- 2% F.S.
• Zero-Tracking:	0.5e/s
• Reading stability:	≤10seconds
• Auto-Sleep:	Stable and no action in 3 seconds
• Auto-Off:	Stable and no action in 3 minutes
• Overload:	100% F.S.+9e
• Max.Safety Load:	120% F.S.
• Ultimate Load:	300% F.S.
• Battery Life:	>150 hours
• Operating Temp:	-10...40°C
• Relative humidity:	≤ 90 % non-condensing at 20°C
• Net Weight:	620g

2. Keyboard Functions



Power On/Off



Unit Exchange / Hold




Tare/Zero

HOLD




3. Power On/Off




Press  for 1 second to switch on the scale, after self-checking, it will auto-zero.



Press  for 1 second to switch off the scale, it will off after off display

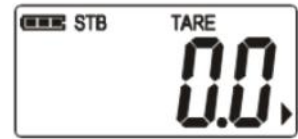



4. Tare

Press  to store the weight as tare.

Note: HOLD


1. TARE appears and the weight zero.
2. If the weight over 100% F.S. or less than 0, tare operation not allow.
3. If the weight is not stable or held, tare operation is not allowed.
4. Tare value reduce the overloading range, if the tare value is 100Kg (for a 200Kg scale), the overloading range will be 200-100+9e.




Press  to quit the tare mode

HOLD

5. Hold

Press  to lock the display


→ 0 ←

Press  again to quit the hold mode

→ 0 ←



6. Unit Exchange

Press  for 1 seconds to switch the weighing unit

→ 0 ←

Note:

1. Weight Units of Kg/Lb/N.
2. If the scale is tared/held, the unit exchange is not allowed.



7. Zero

Press  for 1 seconds to zero the scale



HOLD

Note:



1. ZERO shows and the weight zero.
2. If the weight is tared/held or not stable, it's not allowed.
3. If the weight is over manual-zero range, zero is not allowed.



8. Setting



8.1 Press  and  at the same time and hold two buttons for 1 second to enter setting mode.

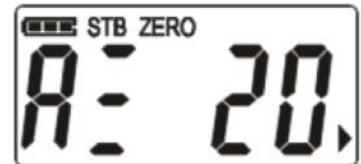


Press  to enter Auto-Off option and press  to change Auto-Off option.





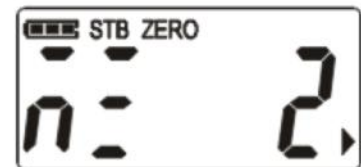
0=disabled
5=5 minutes
15=15 minutes
30=30 minutes
60=60 minutes

8.2 Press  to enter Auto-Zero option and press  to change Auto-Zero option.





0=disabled
2=2% F.S.
4=4% F.S.
10=10% F.S.
20=20% F.S.
50=50% F.S.

8.3 Press  to enter Manual-Zero option and press  to change Manual-Zero option.




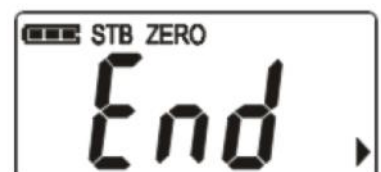
0=disabled
2=2% F.S.
4=4% F.S.
10=10% F.S.
20=20% F.S.
50=50% F.S.

8.4 Press  to enter Backlight option and press  to change Backlight option.



oFF=disabled
5=5 seconds
15=15 seconds
30=30 seconds
60=60 seconds
on=never

8.5 Press  to exit the setting mode



9. Trouble Shooting

Symbols	Possible Causes	Solution
Blank display when On/Off pressed	Discharged battery Defective battery Defective On/Off key	Replace the battery Replace the battery A. Press On/Off key for more seconds to try B. Change the button
No action taken after Tare or Hold pressed	Defective Tare or Hold key	A. Clean the Tare or Hold key B. Change the buttons
Unstable readings	Scale in motion Scale is damped Dust on PCB mainboard	Stabilize the load and the scale Dry the scale Clean the PCB
Readings is not zero without load	Unstable system power Load cell stressed too much or too long	Longer warm-up time Hang the scale without load and try again
Large Error in weight reading	Scale is not zero before loading Re-calibration needed Improper unit	Keep the scale unload and reboot Recalibrate the scale Switch to proper unit

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