

SLD 630

IP68 DUAL DISPLAY SCALE

304⁺
STAINLESS
STEEL

WATER
PROOF

IP 68



User manual

Technical Specifications

1. Power supply :

- ① DC/AC Adaptor: 220V~240V-50~60Hz / 6V-500mA
- ② Rechargeable battery (4V/4Ah)

2. Large LCD display with white backlit

3. Auto zero when switch on, Auto zero-tracking.

4. Automatic detection of remaining battery

5. Warning tone: Buzzer

6. Working temperature: 0℃ ~+40℃

7. Relative humidity: ≤85%RH

8. Waterproof Grade: IP67

Max cap	6kg	15kg	30kg
Min cap	10g	20g	40g
e	0.5g	1g	2g

Basic function

Weighing Function:

Auto Zero after switch on, loaded weight, display weight value; range of auto zero is $\pm 10\%$;

1.Zero Function: Reset weighing reading to zero, Zero range $\leq 4\%$ FS

2.Tare Function: Cancel the tare value, Tare range $< 100\%$ FS

Button functions



Short Press: Reset weighing reading to zero.

Press and hold: On/Off the scale.



Short Press: Cancel the tare value.

Press and hold: Convert between different Unit.



Short Press: Clear the memory of Unit weight and Amount;

Press and hold: Enter Sampling mode under Counting function.

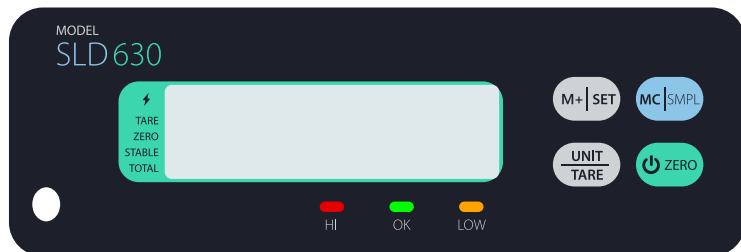


Short Press: Enter Accumulations mode;

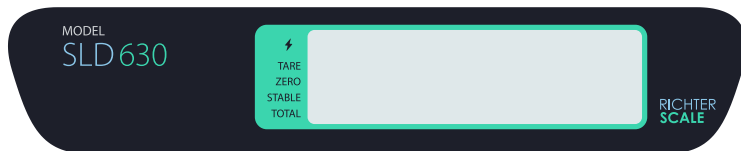
Press and hold: Enter Setting Interface.

Display and button layout

Front display



Rear display



Display

1. **【STABLE】** : Weighing reading is stabilized.
2. **【ZERO】** : Zero status.
3. **【TARE】** : Tare status.
4. **【TOTAL】** : Accumulation function activated, weights are going to accumulate.
5. **【】** : Battery status
6. **【kg】 【g】 【lb】 【oz】 【lb:oz】 【PCS】** : Cycle between different units.
7. **【HIGH】** : Loaded weight higher than the target / setting range.
8. **【OK】** : Loaded weight within the target / setting range.
9. **【LOW】** : Loaded weight lower than the target / setting range.

Operation method

The scale must be placed on a stable and flat surface and leveled before turning the scale on (top weighing pan must be on the scale).

The scale cannot be used in the tare state for a long time, Otherwise, the auto zero-tracking function will be invalid and cause deviation on zero-tracking.

1. Power on sequence

- Scale platform must be empty prior to powering on the scale, press  key to turn on the scale.
- After powering on, the screen will display "Full digits - Max Capacity - Software Version and Battery Voltage" in sequence, and the buzzer will beep accordingly.
- Scale is now ready in normal weighing mode.

2. Unit/Mode conversion

After powering on and returning to zero, press and hold  to cycle between kg – g – lb – oz – lb:oz and PCS(Counting mode).

3. Weighing

When scale displays zero you can place the item on scale that needs to be weighed

If display is not showing zero, you can press  to reset to zero, zero range:

4% FS (FS = maximum weighing capacity).

To remove an empty container weight, press  to perform tare removal, tare range: 100% FS (FS = maximum weighing capacity).

4. Counting and Sampling

- Press and hold  convert to **【PCS】** unit and switch to counting mode.
- Under counting mode, press and hold  to enter sampling interface and display **【10】**, which means the current sampling units required is 10 pcs.
- Short press  to change the quantity of samples: 10/20/30/40/50/60/70/80/90/100, increasing by 10 each time you press it.
- Load the QTY of items to sample and press  to confirm sampling.

5. Accumulation function

- Under weighing mode, when the weight reading was stable, short press **M+|SET** to activate the accumulation function.
When accumulating, first display **【ADD XX】** for 0.5 seconds (XX means the number of cumulative), then flashing display the accumulated value and TOTAL mark. At this time, the items can be removed and returned to zero to continue accumulating.
- Under weighing mode, when the displayed weight value is 0, press **M+|SET** to review the accumulated result. Displays **【tot XX】** for 0.5 seconds (XX means the number of cumulative), and then flashing displays the accumulated weights. Press **M+|SET** to return to weighing mode.
- Press **MC|SMPL** under weighing mode to clear the previous accumulated result.
Notices: The scale must return to Zero before the second accumulation can be done.
Notices: Accumulation can be performed in both weighing and counting mode.

6. Target Weight Function

- Press and hold **M+|SET** under weighing or counting mode to enter the Target weight setting menu, window displaying **【Fxx-xx】**.
- Press **UNIT/TARE** to select the low limiting value **【Fx-Lo】**, or set the high limiting value to **【Fx-Hi】**, press the **M+|SET** key to enter relevant setting.
- Then press **ON|ZERO** to select different digits, and press **UNIT/TARE** to set the target number.
- Press **M+|SET** to confirm setting, then press **MC|SMPL** to return to weighing mode.

Warning

1. Display "----" on weighing window when weighing the object means the scale overloaded. (Range: 100%FS+9d.)
2. Display " on the weighing window means the battery is about to run out, please charge as soon as possible.
3. When the scale buzzes for 1-sec then Display "OFF" on the weighing window and automatically turn off, means the battery voltage is too low to switch the scale on. Please charge immediately. Charge until full and unplug the scale again.

How to charge

When display " on the weighing window, it means the battery voltage is too low to operate and requires the battery to be charged.

Connect to the power source via adapter and charge the scale accordingly.

In scale power OFF, "----" flashing when battery charging and will be stable after fully charged. (A full charge should take around 2hrs.)

In scale power ON, " flashing means the scale were under charging status. " stop flashing in full bar display means charging complete.

(The battery can be fully charged after 2 hours.)

The scale will not enter power saving mode when charged under power ON status.

Care and maintenance

1. DO NOT strike, shock or overload the scale, even if the scale is powered off.
2. DO NOT reverse polarity of the storage battery (Connect red wire to red port, and black wire to black port.)
3. Please charge the scale from time to time if it is not used for more than 6 months.
4. Do not leave the scale plugged in permanently as it will damage the scale and or charging circuit.
5. Good practice is to have your scale calibrated every 6-12 months to insure accuracy.