Counting scale LAC
Operation manual

LAC

www.liden-weighing.com

Table of contents

Buttons:

1. **0-9**: Numeric data sample weights or detail limit and tare values.

2. **Decimal (.)**: Use of decimal point.

3. **SAMPLE/UNIT**: To set reference in scale memory/change lb/kg/g

4. **QTY/CHECK**: Switch between counting and alarm function.

5. **TARE/DIV**: Shows tare and net weight in display.

6. **ZERO/ MENU**: To rezero the scale.

7. **M+**: Use to count and show the accumulated value up to 99 times.

8. **MC**: To reset count memory.

9. **TOTAL**: See between count and memory function.

10. **UNIT WEIGHT**: To save known detail weight.

11. **CE/SET**: To recall numeric data or reset the scale settings.

Use:

Count with unknown detail weight.

a) Start the scale with on/off button under right side of scale.
b) Check that the scale display show '0', otherwise:
   Rezero scale
   Press [ZERO] button to rezero the scale. (with empty platform)
   Tare scale
   Press [TARE] if any object is placed on the scale platform.
c) Count manually the number of details that should be use as reference and place them on the platform.
d) When arrow points at '◄' STB, the total weight of the reference is shown.
e) With the reference weight on the platform enter with value buttons (0-9) the number of details in your reference.
f) Press [SAMPLE] and the scale will show the average weight of every detail on the display row 'UNIT WEIGHT' and the total amount on the row 'TOTAL (pcs)'
g) Place the rest of the details and the scale will show the total amount on the display row 'TOTAL (pcs)'.
h) Press [CE] to reset the scale and count the next detail.

Count with known detail weight.

a) Press buttons (0-9) and enter value for the detail weight (in gram) on your sample. Then press [UNIT WEIGHT] to confirm.
b) Place the samples on the scale platform and the display on row 'TOTAL (pcs)' will show the total amount.
c) Press [CE] to reset the scale and be ready to do the next counting operation.

Alarm function

To avoid miss calculation the LAC counting scale has an alarm function that will let you know if the sample weight is too low. You can also set upper and lower limit for piece or total weight.

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Alarm for low sample weight.

This alarm function will be activated when the total sample weight is below the limit value to ensure a good calculation of details.

Follow the instructions to fix the problem:

a) Place a larger amount of samples on the scale platform.

b) Press (0-9) to enter a new amount of samples and confirm with button [SAMPLE/UNIT].

c) Repeat the step (a) and (b) until indicator 'lack of sample' disappears.

Alarm when low weight

This alarm function will be activated when the average sample weight or the total weight is insufficient to perform an exact counting operation.

Follow the instructions to fix the problem:

a) Place a larger amount of samples on the scale platform.

b) Press (0-9) and enter a new amount of samples and confirm with button [UNIT WEIGHT].

c) Repeat the step (a) and (b) until indicator 'lack of piece weight' disappears.

Alarm for lower/upper limit.

This function is mainly for use of packing. For example if the user wants to a count with the same amount every time ex. 1000 pc. in each packet. You can activate the alarm function so you can get sound alarm if the value is higher or lower than the wanted amount.

a) Press [QTY/SET].

b) Press the [ZERO/MENU] button to switch between alarm 'On' or 'Off'. The display shows "CH = On" when the function is activated and "CH=OFF" when the function is not activated.

c) When the display shows a flashing '0', set upper sample limit (H) to max 1010 pc and lower limit to (L) max 990 pc. Change between L and H with (TARE).

d) When the scale display shows the chosen values, confirm by pressing [QTY/CHECK] and leave the alarm menu.

e) The scale is now ready to perform the counting function, and will alarm if the values will be over or under the entered values for limit.

Accumulation

To count with accumulation function.

When you are in counting mode and would like to save the counting value press [M+] to save. Perform this after every "batch" of details.

The total number of details will be displayed in third row. When weight is removed from platform another counting can be done.

Press [TOTAL] to see the total amount of details that have been counted and saved. Press [CE/SET] to go back to counting mode.

A total 99 accumulations can be done.

To erase accumulation

Press button [TOTAL] followed by [MC] and [CE] to erase saved data.