

# Manual

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Electronic Retail Scale

up to 30 kg

**wagPRO-S30**

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## Specifications:

- **Warranty:** 1 year
- **Material:** steel, plastic
- **Maximum nominal load:** 30 kg
- **Accuracy:** +/- 1 g
- **Maximum permissible load:** 100% of nominal load
- **Display:** digital, up to five numbers
- **Auto Backlight Dimming:** After 10 seconds of inactivity
- **Additional functions:** scale tare, screen backlight, automatic shut-off function
- **Battery type:** lead-acid
- **Power supply:** mains, rechargeable
- **Battery capacity:** 4 Ah (4000 mAh)
- **Battery life:** up to 2 days
- **Standby time:** up to a week
- **Operating Temperature:** -10-40°C
- **Storage Temperature:** -25-50°C
- **Operating humidity:** up to 90%
- **Device dimensions:** 30 (L) x 27 (W) x 11 (H) cm
- **Dimensions of the weighing platform:** 26 x 22 cm
- **Device weight:** 3 kg
- **Weight with packaging:** 3.4 kg

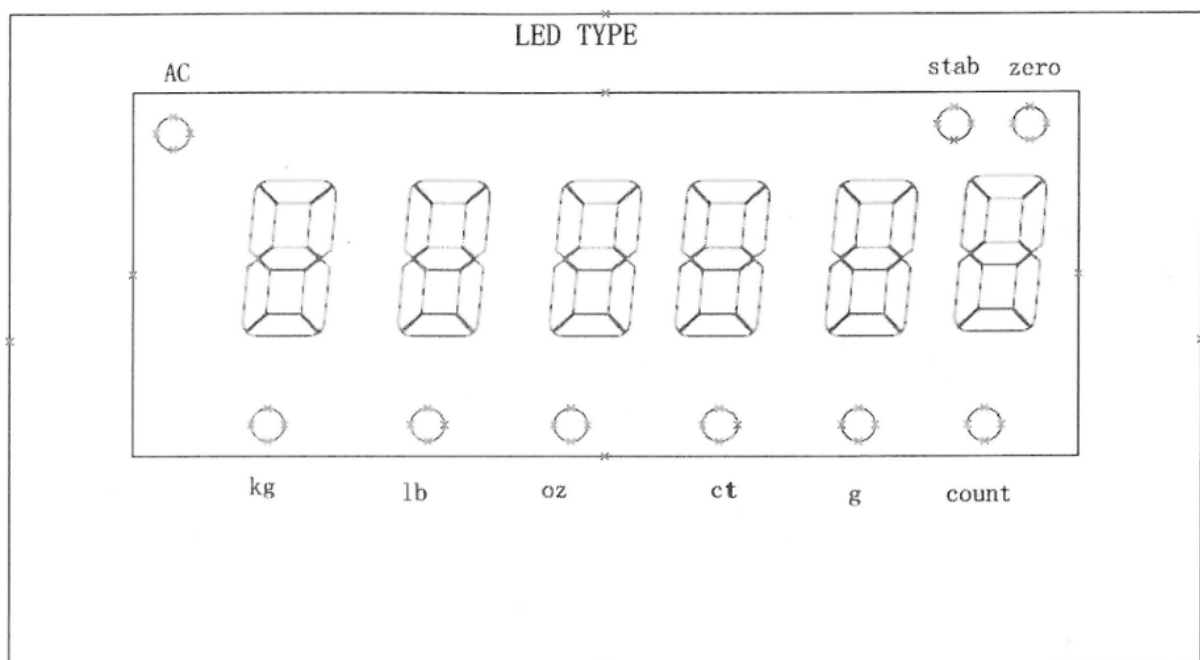
## Set contents:

- Shop scale,
- AC adapter,
- Manual.

## Features:

- **Measurement accuracy:** +/- 1 g
- **Display:** digital, up to five numbers
- **Battery capacity:** 4 Ah
- **Additional functions:** scale tare, screen backlight, automatic shut-off function

## Panel diagram:



## Keyboard Description:

**COUNT:** Used for counting operations

**CAL:** key used only in the calibration process. Pressing this button for more than 3 seconds will enter the calibration step.

**UNIT:** kg, lb, ct, oz, g can be used

**TARE:** in the weighing state, pressing the button will return the scale to the zero state.

## Balance Handling

### Tare Off

In the weighing state, if the weight is displayed in the window, pressing the TARE button will subtract the current weight and zero the windows, while the arrow flag or the zero stage LED indicator will be displayed.

Note: The default tare range is 50% FS.

### Device Operation

Low-weight scales have the following units: g, ct, oz, lb. However, heavy scales have only two units: kg and lb. Pressing the UNIT button once will use a different unit and display the corresponding LED indicator or arrow flag.

### Counting operation

Before entering the counting function, the scale must be in the zero display state, if it is not in the zero state, you need to press the TARE button to zero it. The specific steps are as follows:

1. Press the COUNT button, the window will display "-COU-" first, after a while, it will display "C--20", which indicates it is in counting status now. The default number of samples counted is 20.
2. If you want to change the sample number, press the COUNT button again to select the sample number, the selection numbers offered are 20, 30, 50, 80.
3. After the sample number is confirmed, place the weighing items with the confirmed number on the scale plate. Press the TARE button to start the sample weighing operation. After a while, the balance will display "C XX", which means that the unit weight has been calculated based on the total weight and the number of samples. The user can then place more objects to count the number.
4. To exit the counting step, simply press the TARE button again.

**Note:** All kinds of error information in the counting state will be explained below.

### Calibration:

1. After starting, press the CAL button for more than 3 seconds, the message "-CAL-" will appear. After a while, "---" will be displayed, waiting for the calibration object to be placed.
2. Place the meter, then press the TARE button to confirm.
3. Press the CAL button to select the meter weight. Press the TARE button to confirm.

4. Press the CAL button to select the maximum measurement range. Press the TARE button to confirm.
5. Press the CAL button to select precision. Press TARE to confirm.
6. Press the CAL button to select the decimal point position. Press TARE to confirm.
7. After completing the previous steps, the weight of the scale will be displayed in the window.

**Note:** For low-weight scales, step 6 is not needed, so it will be skipped.

### Error description:

1. **Err1:** The sensor may have been connected incorrectly or the calibration weight has not been placed in the board.
2. **Err2:** In the counting state, the initial state is not zero.
3. **Err3:** In the counting state, the precision of the scale is less than or equal to the precision of the scale.
4. **Err4:** In the counting state, the displayed weight is negative.
5. **Lb:** Suggests the battery is in a low voltage state, it needs to be charged or replaced.
6. **Fu:** Objects on the platform have too much mass or the number is counted outside the window display range.

## Maintenance:

1. Place the scale on a stable table, adjust the four foot screws to the balance state.
2. Avoid using the scale in a bad environment.
3. Please use a separate power outlet to avoid interference with other electrical devices.
4. Do not place anything on the scale before using it.
5. Charge the battery in time when the low voltage audible alarm.
6. Check the weight regularly according to the frequency of use.
7. Select a scale with the appropriate range for different items to be weighed.
8. Please check the battery carefully to make sure it is working properly.