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## Operating instructions



The unit complies  
 with the applicable  
 EU-guidelines



Fig. 1: Portable Balance 49212-01, 49213-01; 49214-01

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## 1 SAFETY PRECAUTIONS



### Attention!

- Carefully read these operating instructions completely before operating this instrument. This is necessary to avoid damage to it, as well as for user-safety.
- Install the instrument so that the on/off switch and the mains connecting plug are easily accessible. Do not cover the ventilation slits.
- Take care that no liquids or objects enter in through the ventilation slots.
- Only use the instrument in dry rooms in which there is no risk of explosion.
- Do not operate if there are visible signs of damage to the unit or the connection cord.
- Only use the instrument for the purpose for which it is intended.
- Never load the scale with more than the maximal capacity. Overloading can permanently damage it.
- Avoiding any exposure to extreme heat or cold, your scale works better when operated at normal room temperature.
- Always allow the scale to acclimate to normal room temperature for at least 1 hour before use. Give your scale sufficient warm up time usually 30 seconds to give the internal components a chance to stabilize before calibration. Keep your scale in a clean environment.
- Dust, dirt, moisture, vibration, air currents and a close distance to other electronic equipment can all cause an adverse effect on the reliability and accuracy of your scale.
- Handle with care. Gently apply all items to be weighed onto tray top. Although this scale is designed to be quite durable, try to avoid rough treatment as this may

permanently damage the internal sensor. Avoid shaking, dropping or otherwise shocking the scale. this is a precision instrument and must be handled with extreme care. Only operate the scale on a stable, vibration free surface.

## 2 PURPOSE AND CHARACTERISTICS

Pocket scale with high performance and a stylish and functional design. The entire balance, including the weighing platform and control buttons, is protected by a sturdy cover. This allows for easy and safe transport of the balance. Power is supplied by 2 micro (AAA) batteries, which are included in the delivery.

## 3 HANDHABUNG

### FUNCTION KEYS

ON/OFF = Turn on or turn off the scale when the scale only have two keys, the "ON/OFF" key Will have the "Tare" function)

TARE = "T"

MODE = "UNITS" = "M": change weighting units

LIGHT: turn on or off the backlight

PCS: for counting function

Some type have five keys but some only have two or three, when the scale only have two keys, the "ON/OFF" key also have the "TARE" function; some type don't have the "LIGHT" or "PCS" key so you can't turn off the "backlight" or use "counting function"

### OPERATION:

1. Place scale on a horizontal flat surface, press [ON/OFF] key to turn on the scale.
2. Wait until "0.0" is displayed.
3. Put the objects) on the weighing platform.
4. Using the [UNITS] key, you can switch between the weighing units.
5. Using the LIGHT] key, you can turn on or off the backlight.

### TARE WELGHING:

1. Turn on scale as described above.
2. Place the" tare item " on the platform.
3. Press [TARE] and wait until "0.0" is displayed.
4. Add the "net-weight-item".

### COUNTING FUNCTION (only some items have):

1. Turn on the scale and wait until the LCD displays "0.0".
2. displays "0.0".
3. Place a sample amount (25pcs, 50pcs, 75pcs or 100pcs) of the quantity you wish to weigh and count onto the platform.
4. Press and HOLD [PCS] key for 2 seconds; the LCD will display a random number, for example "100"
5. Press [UNITS] key to select the sample amount of the item that you have put onto the platform.
6. Press [PCS] key to confirm the above information, the LCD will now display "pcs" in the corner to show that the scale is in counting mode.
7. Remove the sample quantity from the platform.
8. You now can place any amount of your items) on the scale and the LCD will display a count.
9. You can switch between weighing mode and counting mode by pressing [UNITS ] or [ PCS ] key respectively.

### CALIBRATION:

1. Reset the scale by pressing [ON/OFF] key.
2. Wait until the LCD displays "0.0" and then press and HOLD [UNITS] or [MODE] key for 3 seconds, the LCD will display "CAL" and then release the [UNITS ] or [MODE] key.
3. Press [UNITS] or [MODE] key again, the LCD will display "CAL" followed by the required calibration weight.
4. Add the required calibration weight, the display will show "PASS"and return to normal weighing mode. (some item need Press [Units] or [MODE] key before step.4).
5. Put away the calibration weight and press ION/OFF] to turn off the scale and the calibration is finished!

## 4 NOTES ON OPERATION



This high-quality instrument fulfils all of the technical requirements that are compiled in current EC guidelines. The characteristics of this product qualify it for the CE mark.

## 5 TECHNICAL DATA

(typical for 25 °C)

Operating temperature range 10...30 °C

- Weighing range: 100 g, 300 g, 500 g
- Readability: 0.01 g, 0.01, 0.1 g
- Automatic switch-off: 30 seconds after inactivity
- Housing dimensions (L x W x H; mm): 128 x 78 x 20
- Weighing plate (L x W; mm): 75 x 65

## 6 SCOPE OF DELIVERY

- Portable scale
- 2 micro batteries (AAA)

## 7 WARRANTY

We give a warranty of 24 months for units supplied by us inside the EU, and a warranty of 12 months outside the EU. The following is excluded from the warranty: Damage that is due to non-compliance with the operating instructions, improper use, or natural wear. The manufacturer can only be held liable for the function and safety-relevant properties of the unit, if the maintenance, service, and modifications of the unit are performed by the manufacturer or by an institution that is expressly authorised by the manufacturer.

## 8 PRODUCER

Dongguan Boheng Electronics Co., Ltd. Room 302, Building 1, No. 31, Wanjiang Section, Wanjiang Road, Wanjiang Street, Dongguan City, Guangdong Province, China

## 7 WASTE DISPOSAL

The packaging mainly consists of environmentally-friendly materials that should be returned to the local recycling stations.



Do not dispose of this product with normal household waste. If this unit needs to be disposed of, please return it to the address that is stated below for proper disposal.

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