

# PREPLINE



## PSP20

# User Manual

Contents subject to change without notice

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## General Information

Thank you for purchasing the scale. Please read all operating instructions carefully before using and note the following points:


1. Avoid lengthy exposure to extreme heat or cold, as your scale works best when operated at normal room temperature.
2. Dust, dirt, moisture, vibration, air currents can cause an adverse effect on the reliability and accuracy of your scale.
3. Handle with care. Gently apply all items to be weighed onto the tray top.
4. Do not operate near an in-use cell phone, radio, computer or other electronic devices as they emit RF and may cause unstable scale readings.
5. Clean the scale with soft fabric and clean water or a little mild detergent. Avoid water or other liquid infiltration in the scale as this could cause short circuit of the scale, danger of injury or death to the user.
6. The scale requires no routine maintenance. However, it is advisable to check the accuracy at periodic intervals. The frequency depends on the use and condition of the scale.

## Setup instructions

Protect the device from shocks, vibrations, strong heat or cold, drafts, chemicals and moisture by choosing a location where it will be installed.

1. Place the scale on a firm, free and horizontal surface.
2. Make sure that no cables or other objects are trapped under the scale.

## Specifications

Model	PSP04	PSP11	PSP20
Max Capacity	2kg / 4lb 6oz	5kg / 11lb	10kg / 20lb / 320oz
Readability	0.5g / 1/8oz	1g / 1/4oz	1g / 0.1oz / 0.1oz
Resolution	4000	5000	10000
Weighing Modes	Kg, g, oz, lb:oz		
Display	45 mm x 18.5 mm LCD		
Operating Temp.	41° - 104°F (5° - 40°C)		
Power	Batteries: 1 x 9V battery (included) AC Adapter: 6V adapter with central positive (included.)		
Low Battery Indication	"LO"		
Auto-off Time	Selectable 0-30 Minutes. Default setting is 3 minutes		
Platform Diameter	170 x 178 mm (L X W) 6.7" x 7.0" (L X W)		
Base Dimensions	180 x 255 x 68 mm (L x W x H) 7.1" x 10 x 2.68" (L x W x H)		

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## Operation

### 1. Power on :

With the scale unloaded, press the ON/TARE button. When 0 is displayed, the scale is ready to weigh.

### 2. Switching units:

Press the MODE button to change the unit of measurement from kg, g to lb/oz.

### 3. Taring Function:

Place an empty container on the platform and press the ON/TARE button, the display will return to zero.

Place the material or object to be weighed in the container, the net weight is displayed.

To exit the tare mode, remove all weight from the scale. A negative weight will appear on the display. Press the ON/TARE button to reset the display to zero and clear the weight of the container.

### 4. Weighing:

Place the weight on the scale as centrally as possible.

After switching on the scale with the "ON/TARE" button, all segments are shown on the display. Please wait until the zero appears, then place the weight on the scale and read off the shown weight..

### 5. Auto - switch-off:

To save the battery life, the scale provides auto-off function when there is no operation to the scales in 90 seconds.

### 6. Counting:

6.1 Power on the scale and wait the display showing "0", put (25, 50, 75, 100) objects as sampling to weigh. When the reading is stable, press the button "PCS" to choose the correspondingly sampling quantity (25P, 50P, 75P, 100P), then press "ON/TARE", the showing quantity should equal to the chosen sampling quantity and the "C" will be shown, indicating sampling successful.

Note: The weight of single object should  $\geq 2.5d$  (d=division), otherwise the sampling would not be workable.

6.2 Now you can add many same objects for weighing and counting.

6.3 After set up the counting quantity, press "PCS" to switch counting and weighting function.

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6.4 For setting a new reference weight, press and hold the „PCS” -key until the display starts blinking, then continue as from step 1.

## Calibration

To perform the calibration, you need exactly standard weight.

- 1.1 When the scale is switched off press and hold the “MODE” key.
- 1.2 Additionally press shortly the “ON/TARE” key, the display shows a number.
- 1.3 Release the “MODE” key.
- 1.4 Press again the “MODE” key, the display shows „5000“
- 1.5 Place a 5 kg calibration weight on the scale, the display now shows “10000“
- 1.6 Place a 10 kg calibration weight on the scale, next “PASS“ appears on the display and finally the scale shows the normal weighing display.
- 1.7 The scales is now recalibrated.  
If in any case the procedure should have failed, the calibration should be repeated.

Note: During recalibration, the scales should not experience any movement or draught!

## Explanation of the special symbols

- 1.1. Switch-On  
After pressing the “ON/TARE”—key all symbols appear. One can check if all segments are shown correctly. The “zero” which then appears shows that the scales is ready for weighing.
- 1.2 Negative Weight Display  
Press the “ON/TARE”—key again.
- 1.3 Overload  
If the weight on the scales is heavier than the max. capacity of the scales, then “O-ld“ appears in the display.
- 1.4 Power Supply  
“Lo“ means that the battery is empty and needs to be replaced.