

PS SERIES

ALL STAINLESS STEEL BENCH SCALE

OPERATION MANUAL

PLEASE READ THIS MANUAL VERY CAREFULLY BEFORE
ATTEMPT TO OPERATE THE SCALE

DECEMBER 1999

Specifications subject to change without prior notice

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1. INSTALLATION

contact your dealer immediately.

1.1 Check and make sure that the following accessories are included:

This operation manual

Indicator x 1

Platform x 1

Pillar x 1

Power adaptor x 1

Screws and tool set x 1

Contact your dealer if any item missed.

1.2 Install the scale very carefully. Refer to **Appendix INSTALLATION DIAGRAM** for installation method and procedures. Should you encounter any problem in installation, contact your dealer.

1.3 Power on the scale

a. Before plugging the power adaptor into electricity outlet, check and make sure that the input voltage of power adaptor matches with the output voltage of the

outlet. If not, do not plug in the adaptor,

b. Before first time use, plug the main adaptor into the wall outlet and charge the scale for at least 8 hours.

c. Retain the packing materials for future transportation purposes.

Caution:

In most cases, this unit is legal for trade only when it is sealed and bearing a serial number. Do not attempt to break the seal or remove the serial number. Contact your dealer for more information or after sales service.

2. SPECIFICATIONS

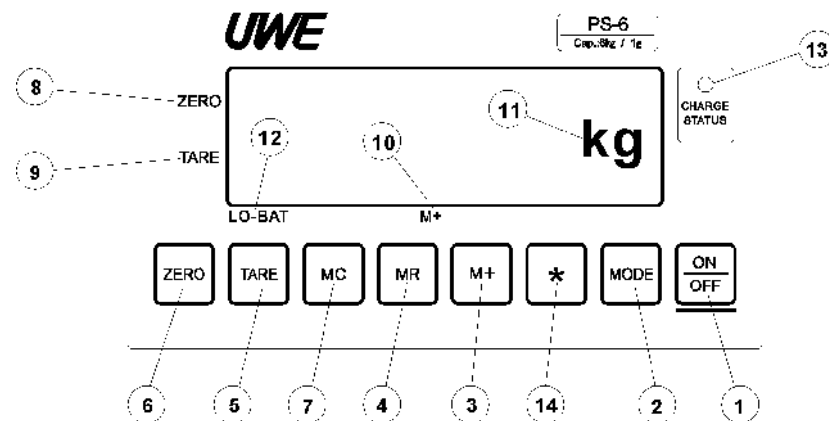
Model No.	Capacity	Division
PS-3000	3000g	0.5g
PS-6000	6000g	1g
PS-12K	12kg	0.002kg
PS-30K	30kg	0.005kg
PS-3000S	3000g	1g
PS-6000S	6000g	2g
PS-15KS	15kg	0.005kg
PS-30KS	30kg	0.01kg
Platform size	280 x 330 mm	
Power source	Built-in rechargeable battery or power adaptor	
Max. Tare range	Up to 100% of rated capacity	
Max. Zero range	Up to 2% rated capacity	
Weight Units (Note A)	Metric, decimal pound and pound/ounce	
Operation Environment	0°~40°C (32°~104°F), Non-condensed. R.H. ≤ 85%	

Specifications subject to change without notice.

Note A:

To comply with the law of certain countries, the avoirdupois weight units may be disabled. Contact your dealer for more information.

3. KEYBOARD LAYOUT AND DESCRIPTION



- 1. ON/OFF KEY** Press this key to turn scale on or off.
- 2. MODE KEY**
Press this key to shift among metric and avoirdupois weight units with or without backlight (optional).
- 3. M+ KEY**
Press this key to accumulate present weight value into memory.

4. MR KEY

Press this key to recall the accumulated weight value from memory.

5. TARE KEY

Press this key to tare off the weight of a container and get the net weight.

6. ZERO KEY

Press this key to reset weight displayed to zero when unloaded.

7. MC KEY

Press this key clear the accumulated weight stored.

8. ZERO INDICATOR

An arrow will appear and point at this sign to indicate a zero weight status.

9. TARE INDICATOR

An arrow will appear and point at this sign when the tare function is being employed.

10. M+ INDICATOR

An arrow will appear and point at this sign when memory contains of accumulated data.

11. WEIGHT UNIT INDICATOR

"kg" indicates the metric unit is being employed.

"lb" indicates the avoirdupois unit is being employed.

12. LO-BAT INDICATOR

When this indicator appears, recharge the scale immediately. Failure to do so may cause unrecoverable damages to the built-in rechargeable battery.

13. IN-CHARGE INDICATOR

Red color: Recharging on process

Green color: Charging completed

14. * RESERVED KEY

Reserved key, no function assigned.

4. INITIAL SETUP

4.1 Placing the Scale

Place the scale on a hard and strong surface, where is free from RF interference, vibration, fire and direct sunlight. For accurate weighing, always place this unit on a level surface.

ired, adjust the adjustable feet underneath scale to obtain a level position.

4.2 Internal Setting

4.2.1 Select weight unit

The scale is equipped with metric and avoirdupois weight units. Follow the below steps to enable/disable the avoirdupois units.

- a. Turn scale off
- b. Press and hold **TARE**, then press **ON/OFF**
- c. Scale displays **F.1**

- d. Press **TARE** twice
- e. Scale displays **F.3**
- f. Press and hold **MODE** until **kg** or **lb** sign appears.
- g. Press **MODE** to shift between **kg** and **lb** sign.
- h. To enable the avoirdupois units, press **ZERO** when the **lb** sign appears.
- i. To disable the avoirdupois units, press **ZERO** when the **kg** sign appears.
- j. After **ZERO** is pressed, the scale will return to operation status.

4.2.2 Select Auto Power Off Setting

The scale is equipped with **Auto Power Off Function**. The scale will be turned off automatically if it is not used for 4 minutes. Follow the below steps to enable/disable the **Auto Power Off Function**

- a. Turn scale off
- b. Press and hold **TARE**, then press **ON/OFF**
- c. Scale displays **F.1**
- d. Press **TARE** three times

- e. Scale displays **F.4**
- f. Press **MODE** to shift between **0._OFF** and **4._OFF**
- g. To enable the **Auto Power Off Function**, press **ZERO** when **4._OFF** appears.
- h. To disable the **Auto Power Off Function**, press **ZERO** when **0._OFF** appears.
- i. After **ZERO** is pressed, the scale will return to operation status

5. INSTRUCTION FOR USE

5.1 Before Weighing

Make sure that:

- a. The upper platform cover is inserted firmly into the platform.
- b. The scale is placed on a level and strong surface.
- c. The scale is turned on.
- d. The **ZEROINDICATOR** is on. If not, press **ZERO** to set weight displayed to zero.

5.2 Weighing

- a. Always place an object onto the platform gently. Excessive force applied to platform may cause damages to sensor inside.
- b. The weight of the object would be displayed automatically.
- c. It is a good practice to remove all loads from platform after weighing. It would prolong the lifetime of scale.

5.3 Select Weight Unit

Press **MODE** to shift among kg

5.8 Weight Memory Function

- a. To save a weight to memory and auto weight accumulation

When weight display is stable, press **M+** to save the weight into memory. Scale displays **P. 1** and **M+ INDICATOR** indicating total number of entry and the memory is containing data.

- b. Recall accumulated weight in memory Press **MR**. Scale will display the total number of entry and the total accumulated weight of all entries.

- c. Clear data in memory

Press **MC** after the accumulated weight is being displayed. Scale will display **P.0** to indicate all data in memory has been erased.

Caution

All data stored in memory will be erased if:

- a. The scale is turned off, or,
- b. The weight unit is changed.

5.9 Recharge the Scale

The scale is equipped with a built-in rechargeable battery. When **LO-BAT INDICATOR** appears, recharge the scale immediately. Failure to do so may cause unrecoverable damages to the built-in rechargeable battery.

The scale can remain in operation when being recharged.

Charging is completed when the color of the **IN-CHARGE INDICATOR** turns green.

Caution:

Insert the rubber cap into the DC inlet of scale except during recharging.

6. TROUBLE SHOOTING

Syndrome Scale cannot be turned on

Check: Is the scale charged?

Action: Recharge the scale for at least 8 hours before first time use or plug in the power adaptor before power on the scale.

Check Is the power adaptor inserted properly into both the electricity outlet and the DC inlet of scale.

Action: Secure both ends of the power adaptor and try again.

Syndrome Scale turned off automatically

Check Is the Auto Power Off function employed?

Action Refer to 4.2.2 to disable the Auto Power Off function.

Check Is the **LO-BAT INDICATOR** on?

Action Apply the power adaptor.

Syndrome Rated capacity cannot be reached

Check Is the **TARE INDICATOR** on?

Action: Turn the scale off. Remove all loads from platform and turn on again.

Check Is there anything obstructing the platform or pillar?

Action Remove all obstacles.

Syndrome Scale displays 00000

Check Does the load applied to platform excess the rated capacity of scale?

Action Remove all loads from platform and try again.

Syndrome Scale displays 00000 —

Check Is the stainless steel platter cover placed on the platter?

Action Place the stainless steel platter cover onto the platter.

Check Is the platter inserted to the platform correctly?

Action Insert the platter to platform correctly.

Syndrome Weighing result is not accurate

Check Is the scale placed in a level condition?

Action Adjust the adjustable feet to a level condition.

Check Is the scale affected by airflow, vibration or RFI?

Action: Place the scale away from all disturbances.

Check Is the scale calibrated correctly?

Action Contact your dealer.

Check Is the correct weight unit employed?

Action Refer to **4.2.1** and **5.3** for weight unit settings and usage.

7. DAILY CARE AND MAINTENANCE

7.1 Clean the scale with a soft and damp cloth. If necessary, apply a mild detergent. Do not

7.2 use any high-pressure water spray, harsh, abrasive material, acetone, volatile solvent, thinner or alcohol for cleaning.

7.3 Verify the accuracy of scale periodically. Re-calibrate the scale if necessary.

Note: In some countries, calibration is restricted to be done by an authorized/qualified agent only. Contact your dealer for more information.

7.4 The scale must be placed horizontally during transportation or long time storage.

7.5 Store scale in a dry and clean place.

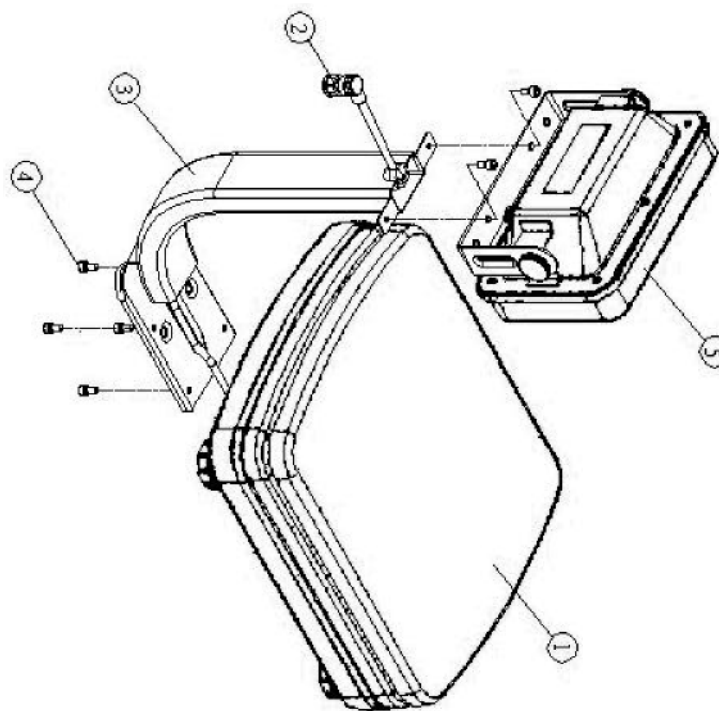
APPENDIX

APPENDIX

Installation Diagram

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Installation Procedures



1. Insert the platform cover to the platform very carefully.
2. Thread the cable through the pillar.
3. Lift the pillar to upright position.
4. Fix the pillar to the platform base firmly using the screws provided.
5. Fix the indicator to the indicator mounting using the screws provided.
6. Plug the cable plug into the indicator firmly.