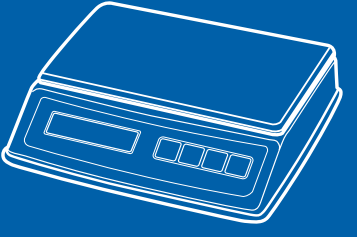
RETAIL WEIGHING SOLUTION™

PW-II

Portion Control Scale



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OWNER'S MANUAL

CAS

CONTENTS

PRECAUTIONS 4

PREFACE 6

NAMES AND FUNCTIONS 6

OPERATIONS 8

1. Simple Weighing Mode 8
2. Weighing with Tare 8
3. Changing Unit of Weight (Unit ver. only) 9
4. HOLD Function (Hold ver. only) 9
5. How to Set Auto Power Off 10

BATTERY MAINTENANCE 11

ERROR MESSAGE 11

SPECIFICATIONS 12

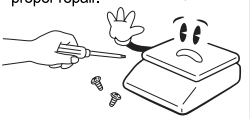
PRECAUTIONS

Warning

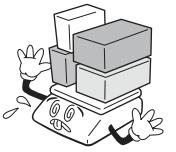
Precautions when installing the scale. To ensure that you get the most from your scale, please follow these instruction.

Do not disassemble the scale.

When any damage or defect occurs, contact your CAS authorized dealer immediately for proper repair.



Do not overload beyond the maximum weight limit.

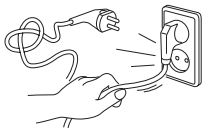


Scale must be grounded to minimize electricity static.

This will minimize defect or electric shock.

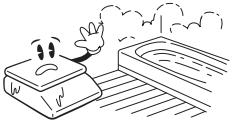
Do not pull the plug by its cord when unplugging.

Damaged cord could cause electric shock or fire.

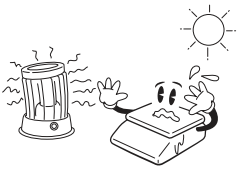


To prevent from fire occurring, Do not place or use the scale near flammable or corrosive gas.

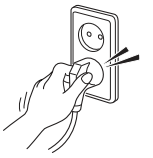
To reduce electric shock or incorrect reading, Do not spill water on the scale or place it in humid condition.



Avoid placing the scale near heater or in direct sunlight.

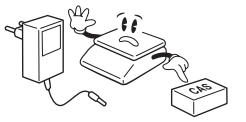


Insert plug firmly to wall outlet to prevent electric shock.



Use proper Adapter.

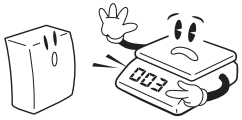
Incorrect adapter could damage the scale.



Attention

Make sure to plug your scale into the proper power outlet. For maximum performance, plug into a power outlet 30 minutes before the usage for warm up.

For consistent and accurate reading, maintain periodical check by your CAS authorized dealer.



Avoid sudden shock to the scale.

Grab on the bottom of the scale when moving.

Keep the scale away from other electromagnetic enerating devices.

This may interfere with accurate reading.

Place the scale on firm and temperature consistent environment.

By adjusting 4 comers of the scale, set the scale even using the built in scale leveling indicator.

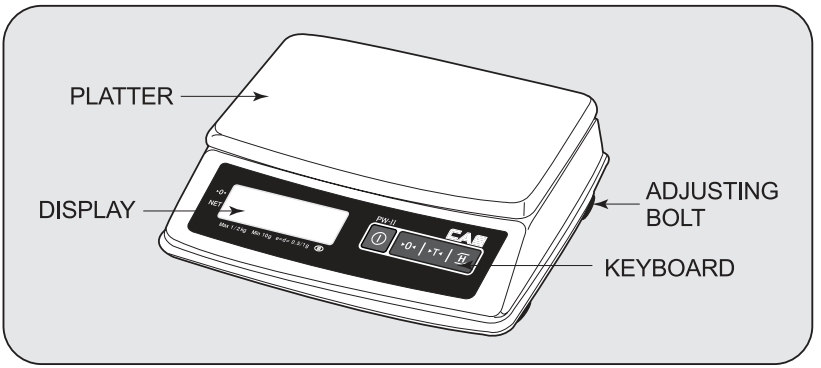
Take the battery out when scale is not in use for long time. Leakage from the batteries is hazardous.

PREFACE

Thank you for purchasing CAS PW-II.
This model has been designed with CAS reliability, under rigid quality control and with outstanding performance. Your special departments can enjoy this high quality reliable CAS product.
We believe that your needs will be satisfied and you will have proper reliability.
This manual will help you with proper operation and care of the PW-II.
Please keep it handy for future reference.

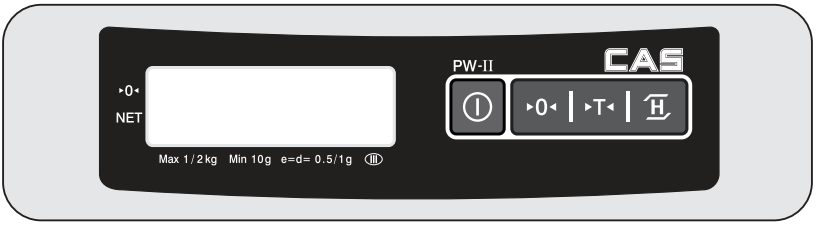
NAMES AND FUNCTIONS

OVERALL VIEW



DISPLAY & KEYBOARD

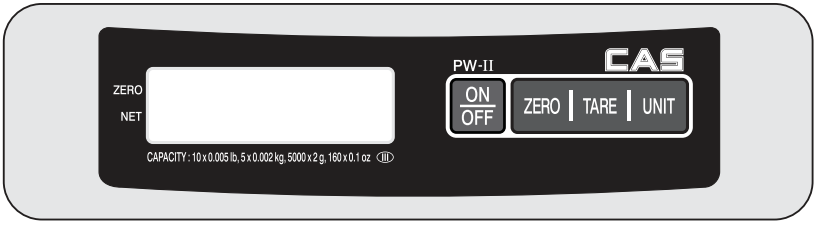
■ HOLD Version



■ KEY FUNCTIONS

KEYS	FUNCTIONS
→0←	Used to set the zero point.
→T←	Used to input or cancel the weight of tare.
H	Used to make the weight of commodity stable. This weight is average value.
⏻	Used to turn on and off the scale.

■ Unit Version (Option)



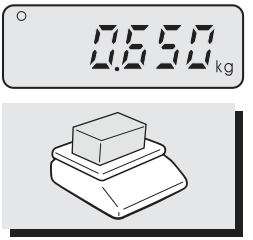
■ KEY FUNCTIONS

KEYS	FUNCTIONS
ZERO ↔ →0←	Used to set the zero point.
TARE ↔ →T←	Used to input or cancel the weight of tare.
UNIT ↔ ⏻	Used to convert the unit of weight.
ON/OFF ↔ ⏻	Used to turn on and off the scale..

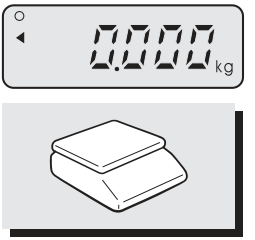
OPERATIONS

■Turn on the display by pressing ⏻ key. Then, the display will show all the segments and count up "0" to "9". You may stop this automatic counting by pressing the →0← key.
■ When you turn on the display, make sure that platter is empty. Otherwise, display will show "Err 1", an error of initial zero range. Please refer to "ERROR MESSAGE" section for more information on page 11.
■ When the weight becomes stable the display shows the stable sign (○) on.
■ You may need to make it "0.000" by pressing →0← key unless the display indicate "0.000" under the empty platter.

1. Simple Weighing Mode



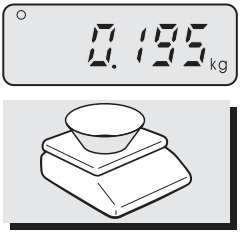
① Place a commodity on the platter.



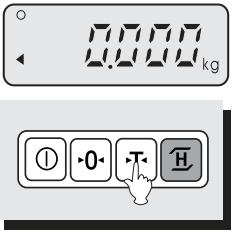
② Remove the commodity from the platter.

2. Weighing with Tare

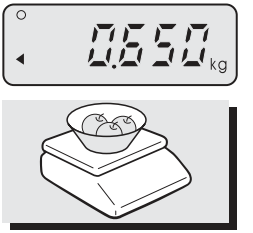
■ TARE means the weight of container being used for a commodity.
■ TARE key function is to subtract the weight of the container from full weight loaded.



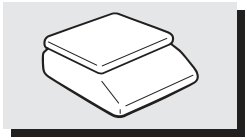
① Place a container on the platter.



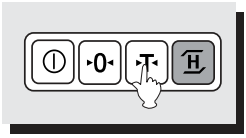
② Press the →T← key.



③ Place a commodity into the container, then the display
will show only the weight of the commodity.



④ Remove container and commodity, then the display will show the weight of the container with "-" symbol.

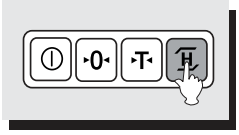


⑤ Press the T key, then display will show the "0.000".

3. Changing Unit of Weight (Unit ver. only)

■ Press the ⏻ key in the simple weighing mode.
You may select kg, lb, oz, or gram as the unit of weight.

4. Hold Function (Hold ver. only)



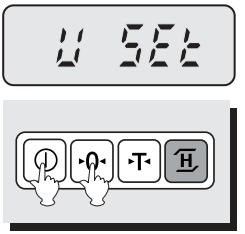
① When the weight is unstable, press the H key.

② "HOLD" will be displayed twice

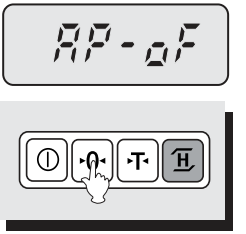
③ The average weight will be displayed. The hold function will be automatically stopped after the commodity on the tray is removed or the average weight is blinked 6 times.

5. How to Set Auto Power Off

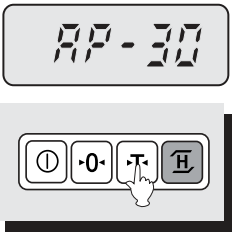
Auto-Power off function is to automatically power off as time is set.
This function is helpful to save battery, which is not in use.
The following is the setting procedure of Auto-power off.



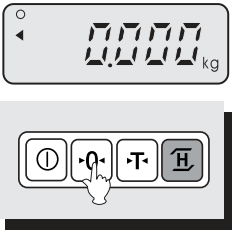
① When the scale is turned on press ⏻ key, holding ▸0◂ key. Then you will see the "AP-10".(If you have set this before,display will show previous value.)



② Press the ▸0◂ key, then you will see the "AP-oF" (If you have set this before, display will show previous value.)



③ Press the ▸T◂ key until the display shows the "AP-X0" that you wish to take. (Refer to TABLE 1.)



④ Press the ▸0◂ key, and then the scale saves what you programmed and shows all the segments, counting up "0" to "9".

TABLE 1.

DISPLAY	FUNCTION
AP-oF	This function does not automatically power off.
AP-10	This function does automatically power off when the scale is not in use for 10 minutes.
AP-30	This function does automatically power off when the scale is not in use for 30 minutes.
AP-60	This function does automatically power off when the scale is not in use for 60 minutes.

* "e" value may be various on capacity of product model.
Please refer to "SPECIFICATION" on page 16. For example, a product model which capacity is 2.000kg has 1g as "e" value

BATTERY MAINTENACE

LOW BATTERY WARNING

When the battery is low the display shows the "BATT" sign.
You can replace the battery new one.
If you still use the scale without replacing the battery the scale may provide incorrect result on measurement.

※ Low Battery status.

※ Battery cut off display.

ERROR MESSAGE

Error Message on Display	Description	Solution
"Err 0"	The "Err 0" occurs when scale is not stable.	Remove unstable facts.
"Err 1"	The "Err 1" occurs when a current zero point has shifted from the last span calibration.	Please call your CAS dealer.
"Err 3"	The "Err 3" is an overload error.	Please remove the weight.

SPECIFICATIONS

MODEL	PW-II		
Capacity / e	***Dual Interval*** Max1/2kg e=0.5/1g	***Dual Interval*** Max 2.5 /5kg e=1/2g	***Dual Interval*** Max 4/10kg e=2/5g
Internal Resolution	1/60000	1/60000	1/60000
External Resolution	1/2000	1/2500	1/2000
MAX Tare	-0.9995kg	-2.499kg	-3.998kg
Display	91 x 36 [mm] / 3.6 x 1.5 [inch] 5 digits LCD		
Symbols	STABLE, ZERO, TARE, g, Low Battery , (kg, lb, oz Only unit version)		
Keys	ZERO, TARE, HOLD(Hold Ver.), UNIT(Unit Ver.), POWER		
Functions	Hold(Hold Ver.), Unit Conversion(Unit Ver.),		
Dimensions	239(W) x 227(D) x 66(H) [mm] / 9.4(W) x 8.9(D) x 2.6(H) [inch]		
Platter size	222(W) x 151(D) [mm] / 8.7(W) x 5.9(D) [inch]		
Weight	About 1.7kg / 3.8lb		
Power	1.5V x 6 units (AA size Battery)		
Operation Time	Approx. 50hours (Manganese battery)/ 250hours (Alkaline at 20°C /68°F)		
Operating Temperature	-10°C ~ +40°C / 14°F ~ 104°F		
Minimum Voltage Level of The Battery	About 5.5V		
Option	9V Adapter		

※ Notice: Specifications are subject to change for improvement without notice.

MEMO

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PW-II

Portion Control Scale

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