

*Simple Weighing Scale*

# ***AD Series***

**OWNER'S MANUAL**



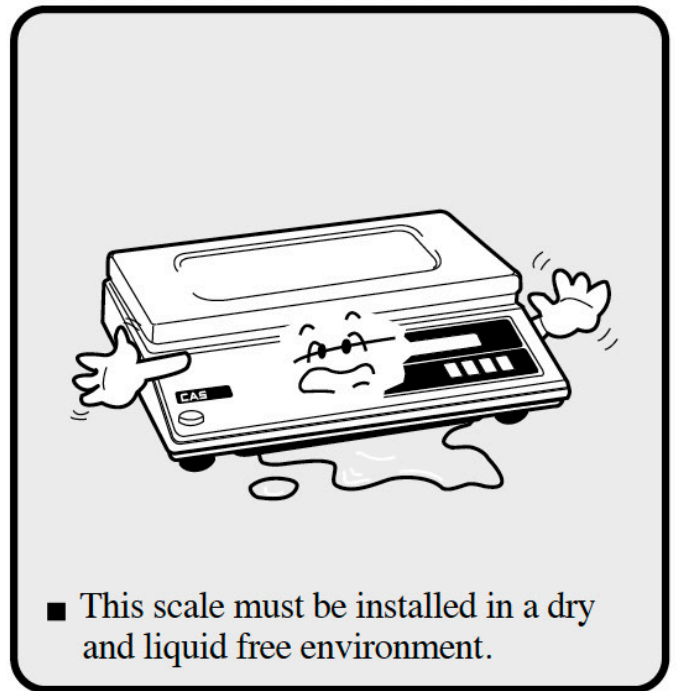
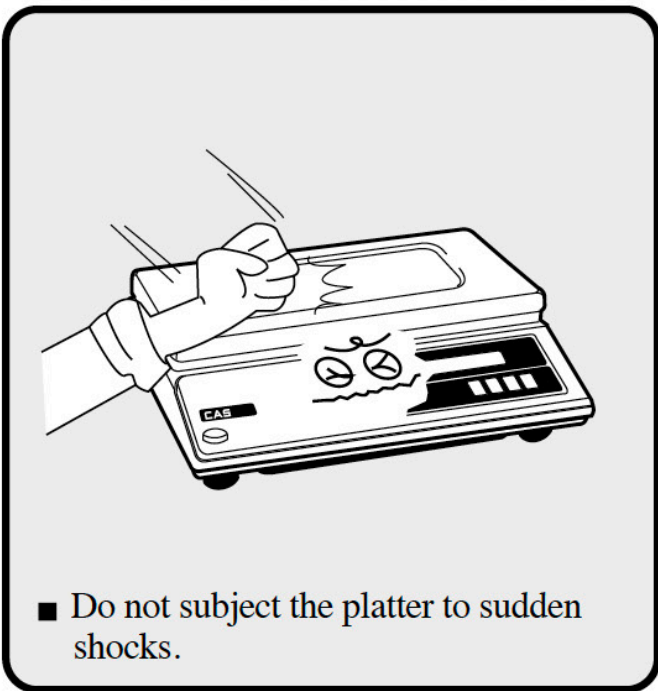
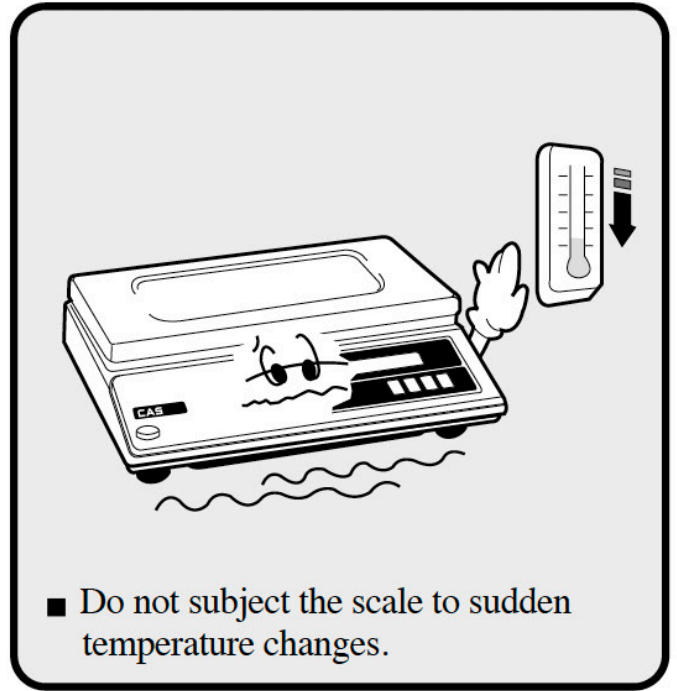
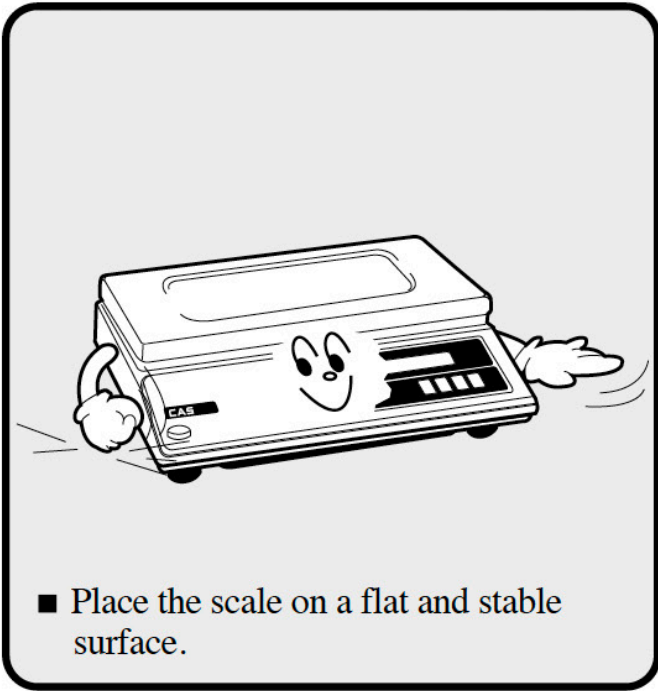


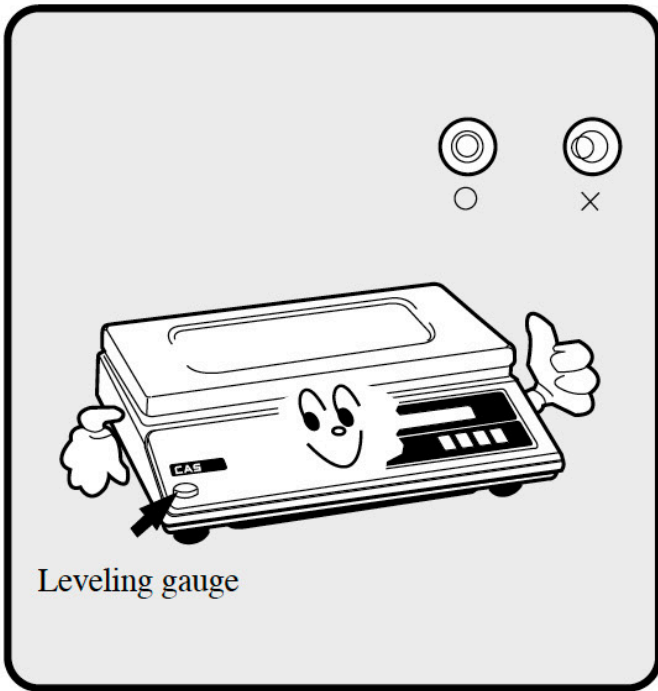
## **CONTENTS**

<b>PRECAUTIONS .....</b>	<b>4</b>
<b>PREFACE .....</b>	<b>6</b>
<b>NAMES AND FUNCTIONS .....</b>	<b>6</b>
<b>OPERATIONS .....</b>	<b>8</b>
1. General Weighing	8
2. Weighing with Tare	8
3. Hold Function	9
<b>PRINT (ADH Series) .....</b>	<b>10</b>
<b>ERROR MESSAGE .....</b>	<b>10</b>
<b>SPECIFICATIONS(AD Series) .....</b>	<b>11</b>
<b>SPECIFICATIONS(ADH Series) .....</b>	<b>11</b>

# PRECAUTIONS

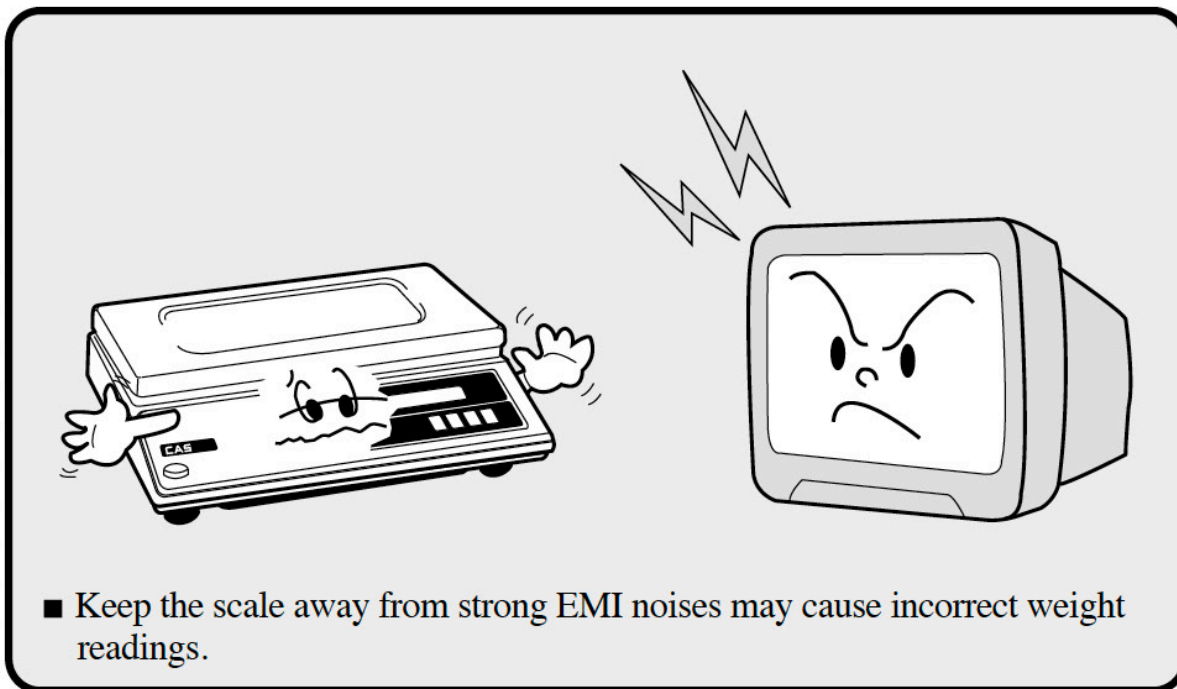
**Make sure that you plug your scale into the proper power outlet.  
Plug into a power outlet 30 minutes before operations.**





Leveling gauge

- If the scale is not properly leveled, please adjust the 4 legs at the bottom of the scale (turn legs clockwise or counterclockwise) so as to center the bubble of the leveling gauge inside the indicated circle.



- Keep the scale away from strong EMI noises may cause incorrect weight readings.

## PREFACE

Thank you for purchasing our CAS AD Series.

These series have been designed with CAS reliability, under rigid quality control and with outstanding performance. Your specialty departments can enjoy these high quality reliable CAS products.

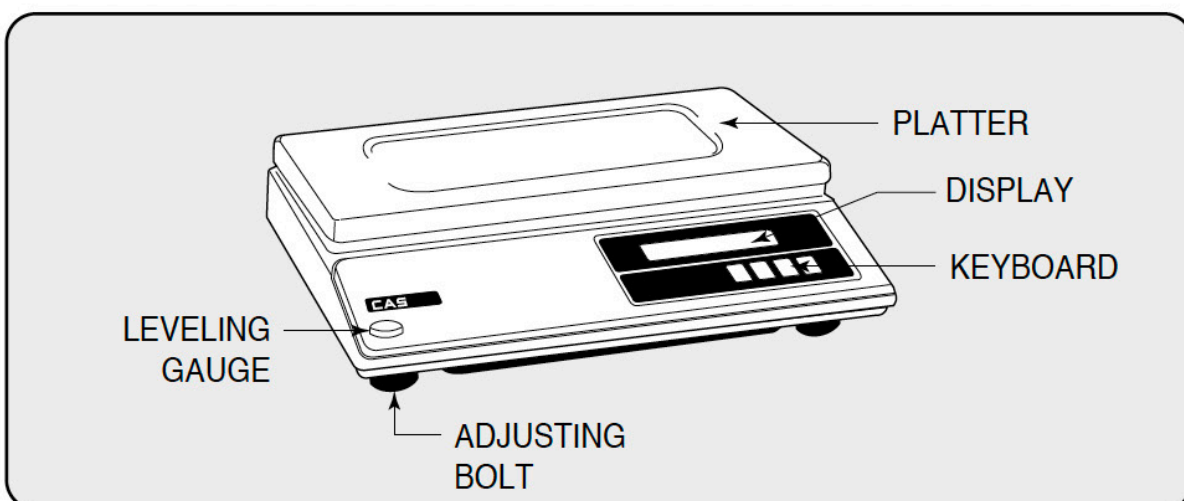
We believe that your needs will be satisfied and you will have proper reliability.

This manual will help you with proper operation and care of the AD Series.

Please keep it handy for future reference.

## NAMES AND FUNCTIONS

### OVERALL VIEW

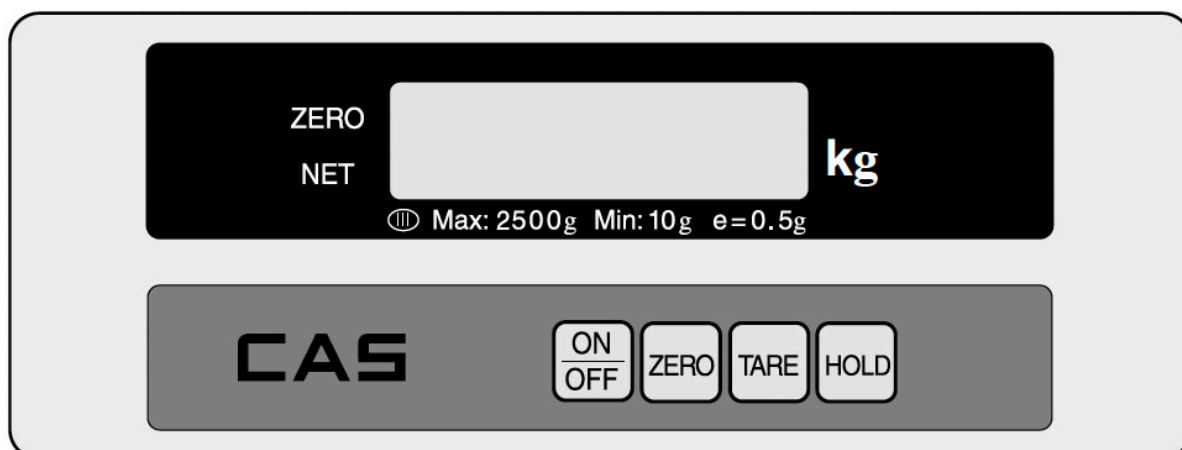


### DISPLAY & KEYBOARD

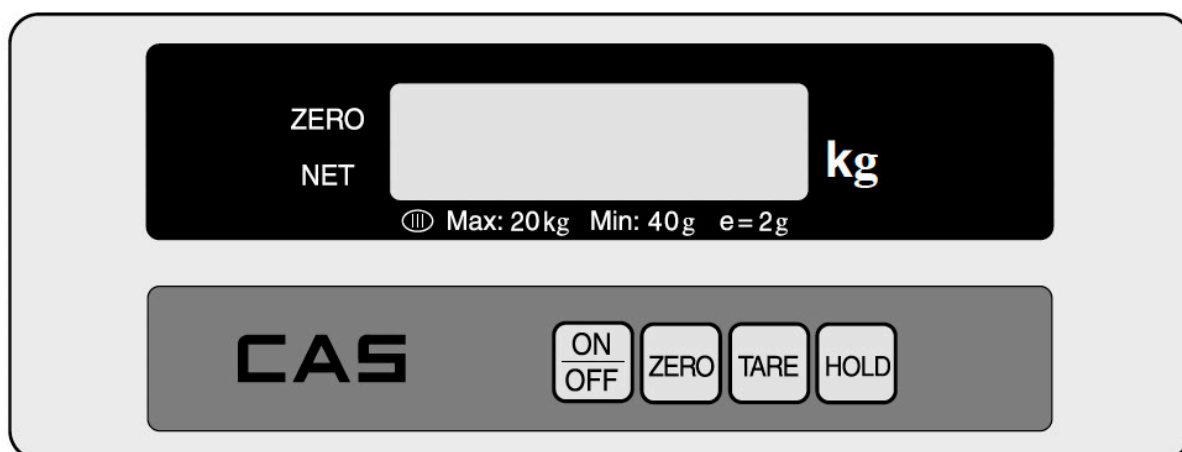
- AD 3, 6, 15, 30kg



■ AD 2.5, 5, 10, 25kg



■ ADH Series



■ FUNCTION

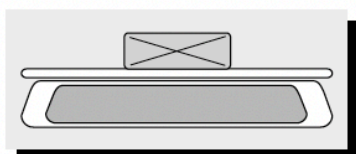
KEYS	FUNCTIONS
	Turns the display ON or OFF.
	Used to correct the ZERO point.
	Used to enter a TARE weight. Used to remove a TARE weight.
	When the weight is not stable, display will show the average weight for 4 seconds.
	No function key.

# OPERATIONS

- Turn on the display by pressing ON/OFF key.  
Then the display will show all the segments and count up "0" to "9".  
When you turn on the display, make sure that platter is empty.
- The display indicates if the scale is at ZERO or if there is a TARE entered into the scale by way of a ZERO and NET lamps.
- When the display is not zero though there is nothing on the platter, press the ZERO key.
- In case of AD-2.5, AD-05H the display shows zero state as 0.0.

## 1. General Weighing

- Wait until display should be zero.

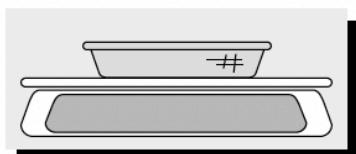
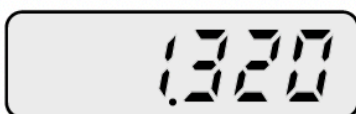


- ① Place the commodity on the platter.

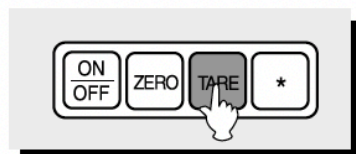


- ② Remove the commodity from the platter.

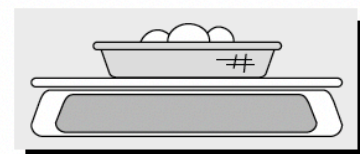
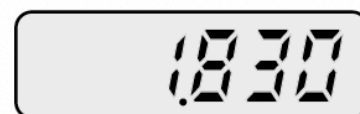
## 2. Weighing with Tare



- ① Place the container on the platter.



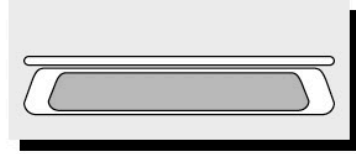
- ② Press TARE key.



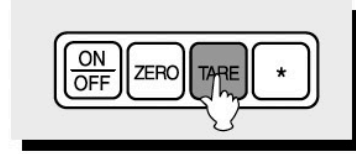
- ③ Place the commodity on the container.



④ Remove the commodity from the platter.

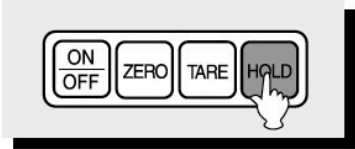


⑤ Remove the container from the platter.



⑥ Press TARE key.

### 3. Hold Function (AD 2.5, 5, 10, 25kg, ADH Series)



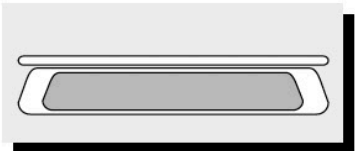
① When the weight is not stable, press the HOLD key.



② Display will show the "HOLD".



③ The display will show the average weight 10 times.



④ Remove the commodity from the platter.

## PRINT (ADH Series)

- If you want to use print function, please contact CAS dealer.
- 1) Place a commodity on the platter, and press the HOLD key. The display shows “P-on” and the weight is printed.
- 2) Remove the commodity from the platter, then the display shows zero state and zero lamp should be ON.
- 3) If you weigh another commodity, the weight is printed automatically.
- 4) If you do not want to print anymore, press the HOLD key when you place a commodity on the platter. Then the total report is printed and the display shows “P-off”.

## ERROR MESSAGES

To help the customer's understanding, this scale warns the error messages properly. Please refer to error table.

ERROR	REASONS	SOLUTIONS
Err 1	An error of the initial zero range	Empty the platter
Err 10	A failure of the analog module	Turn off the power and turn it on
Err 11	A failure of the digital module	Call your CAS dealer
Err 12	Condition codes are broken	Call your CAS dealer for span calibration
Err 20	Interface error	Check the cable

## SPECIFICATIONS (AD Series)

MODEL	AD-1			
CAPACITY	3 × 0.001 kg	6 × 0.002 kg	15 × 0.005 kg	30 × 0.010 kg
	2.5 × 0.5 g	5 × 0.001 kg	10 × 0.002 kg	25 × 0.005 kg
DISPLAY	VFD, 5 DIGIT			
DISPLAY DESIGNATORS	ZERO, NET			
MAXIMUM TARE	-3.000 kg	-6.000 kg	-9.995 kg	-9.990 kg
	-999.5 g	-5.000 kg	-9.998 kg	-9.995 kg
TEMPERATURE RANGE	-10°C ~ +40°C			
POWER SOURCE	AC 110V/220V/240V, 50/60Hz			
POWER CONSUMPTION	APPROX. 10W			
PLATTER SIZE (mm)	340(W) × 215(D)			
PRODUCT SIZE (mm)	350(W) × 325(D) × 105(H)			
PRODUCT WEIGHT	4.7 kg			

## SPECIFICATIONS (ADH Series)

MODEL	AD-05H	AD-10H	AD-20H
MAX. CAPACITY	5 kg	10 kg	20 kg
MIN. CAPACITY	0.5 g	1 g	2 g
TARE SUBTRACTION	-4999.5 g	-9999 g	-19998 g
DISPLAY	VFD, 5 DIGIT		
DISPLAY DESIGNATORS	ZERO, NET		
POWER SOURCE	AC 220V, 60Hz		
POWER CONSUMPTION	10W		
TEMPERATURE RANGE	-10°C ~ +40°C		
PLATTER SIZE (mm)	340(W) × 215(D)		
PRODUCT SIZE (mm)	350(W) × 325(D) × 105(H)		
PRODUCT WEIGHT	4.7 kg		

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