

Price Computing Scale

# AP-US

(lb version)

OWNER'S MANUAL



9002-AEX-0011-4

03.06

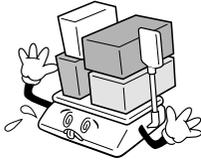
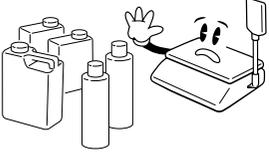
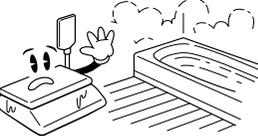
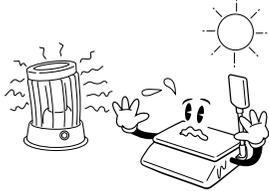
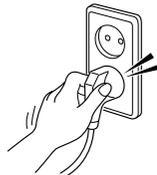


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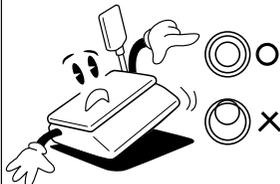
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## PRECAUTIONS

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

⚠ Warning		
<p>Do not disassemble the scale. When any damage or defect occurs, contact your CAS authorized dealer immediately for proper repair.</p> 	<p>Do not overload beyond the maximum weight limit.</p> 	<p>Scale must be grounded to minimize electricity static. This will minimize defect or electric shock.</p> 
<p>Do not pull the plug by its cord when unplugging. Damaged cord could cause electric shock or fire.</p> 	<p>To prevent from fire occurring, Do not place or use the scale near flammable or corrosive gas.</p> 	<p>To reduce electric shock or incorrect reading, Do not spill water on the scale or place it in humid condition.</p> 
<p>Avoid placing the scale near heater or in direct sunlight.</p> 	<p>Insert plug firmly to wall outlet to prevent electric shock.</p> 	

The socket-outlet shall be installed near the equipment and shall be easily accessible.

⚠ Attention		
<p>For consistent and accurate reading, maintain periodical check by your CAS authorized dealer.</p> 	<p>Avoid sudden shock to the scale. Internal mechanism could be damaged.</p> 	<p>Grab on the bottom of the scale when moving. Do not hold by the platter.</p> 
<p>Place the scale on firm and temperature consistent environment.</p> 	<p>By adjusting 4 corners of the scale, set the scale even using the built in scale leveling indicator.</p> 	<p>Keep the scale away from other electromagnetic generating devices. This may interfere with accurate reading.</p> 

## PREFACE

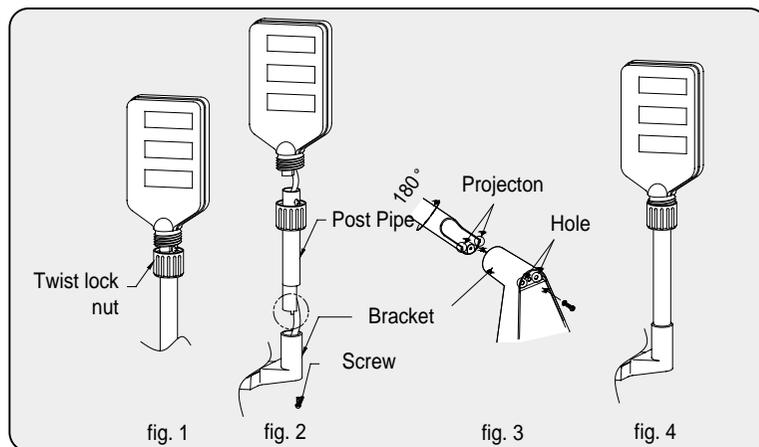
Thank you for the purchasing of our CAS AP Series.

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

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

This manual will help you with proper operations and take care of the AP series. Please keep it handy for the future references.

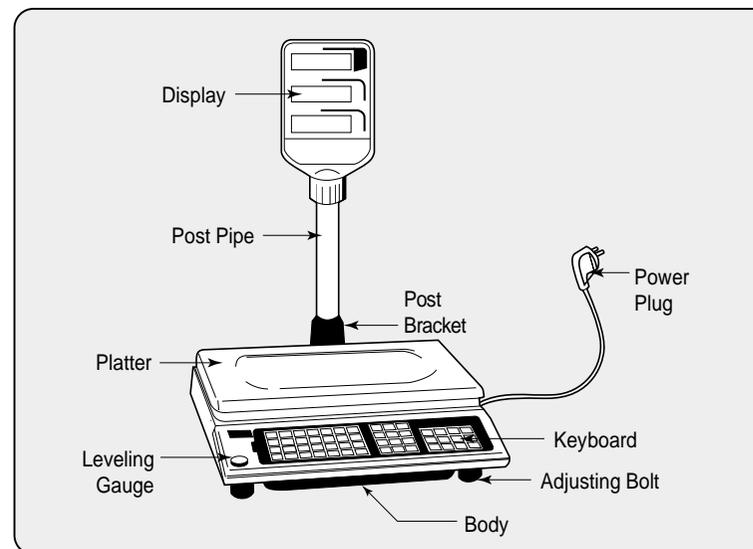
## INSTALLATIONS



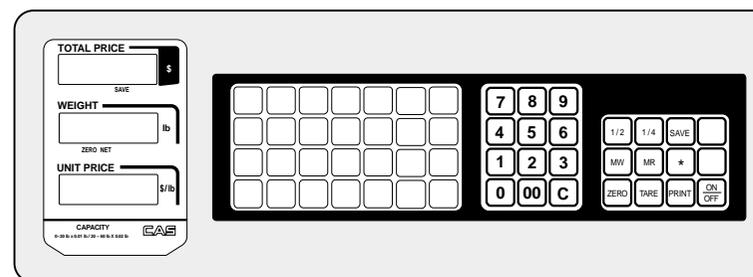
1. Loosen the twist lock nut on the display pole as fig. 1.
2. Pull the harness wire as fig. 2.
3. Turn the post pipe 180° and insert the projections of post pipe into the holes on the bracket as fig. 3
4. Insert and fasten display assembly screws as fig. 1
5. Tighten the twist lock nut on the display pole as fig.4

## NAMES AND FUNCTIONS

### OVERALL VIEW



### DISPLAY & KEYBOARD



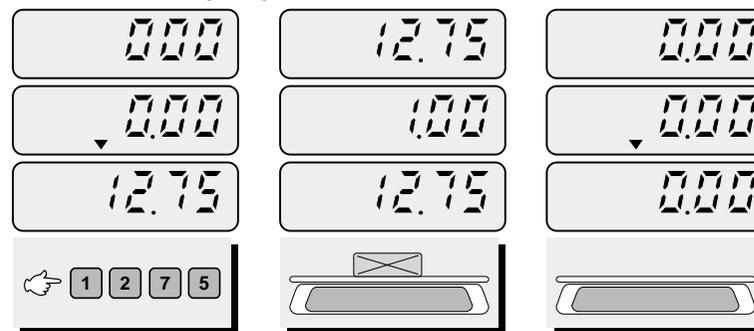
■ KEY FUNCTIONS

KEYS	FUNCTIONS
<b>0</b> ~ <b>9</b>	Used to enter all the numerical data.
<b>00</b>	Used to enter a double zeros.
<b>C</b>	Used to clear all the numerics dn the unit price display. Used to clear sum total price.
<b>ZERO</b>	Used to correct the zero point.
<b>TARE</b>	Used to enter a tare weight. Used to delete a tare weight.
<b>1/2</b>	This key allows the sale of items by unit price per half pound.
<b>1/4</b>	This key allows the sale of items by unit price per quarter pound.
<b>MW</b>	Used to store PLU(price look up) to memory up to 499 items.
<b>MR</b>	Used to call PLU(price look up) in memory up to 499 items.
<b>SAVE</b>	Used to saves a current tare and currently called unit price from automatically.
<b>PRINT</b>	Enable or Disable Auto-printing funtion.
	Direct PLU keys.

OPERATIONS

- When you turn on the power, the scale will count “99999” to “00000”. Then the scale will read “0.000” in the weight display. This is called the ZERO state.  
If the scale is not ZERO state though there is nothing on the platter, press the ZERO key.
- 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.

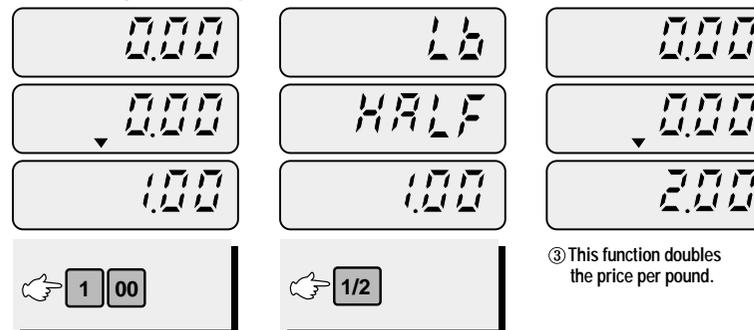
1. General Weighing



- ① Enter a unit price.
- ② Place the commodity on the platter.
- ③ Remove the commodity from the platter.

► NOTE : The unit price is cleared automatically after each weighing

2. Pricing : 1/2 Key



- ① Enter a unit price.
- ② Press the 1/2 key

③ This function doubles the price per pound.

### 3. Pricing : 1/4 Key

① Enter a unit price.

② Press the 1/4 key

③ This function quadruples the price per pound.

### 4. WEIGHING WITH THE TARE

#### A) Unknown (weighed) tare

① Place the container on the platter.

② Press the TARE key.

③ Enter a unit price.

④ Place the commodity on the platter.

⑤ Remove the commodity from the platter.

#### B) Known (manually entered) tare

① Enter tare weight by pressing the numeric key.

② Press TARE key.

③ Place the container on the platter and enter a unit price.

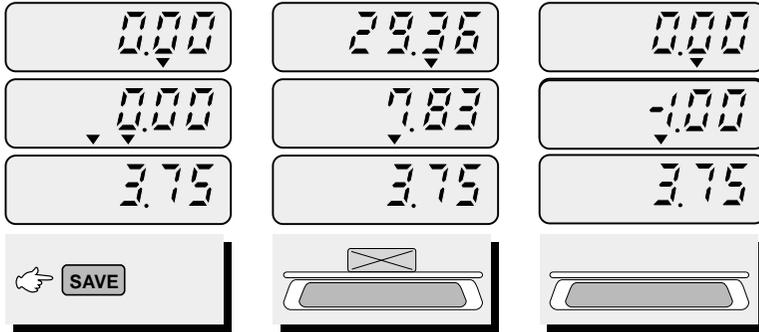
④ Place the commodity in the container.

⑤ Remove commodity with container from the platter. If you want to save tare weight and unit price, press the SAVE key.

► NOTE: The tare is cleared automatically after each transaction.

## 5. SAVING A CURRENT TARE WEIGHT AND UNIT PRICE

The function saves currently called unit price from automatically clearing.



① Press the SAVE key.  
Set the tare weight, 1.00lb,  
and enter a unit price.

② Place the commodity on  
the platter.

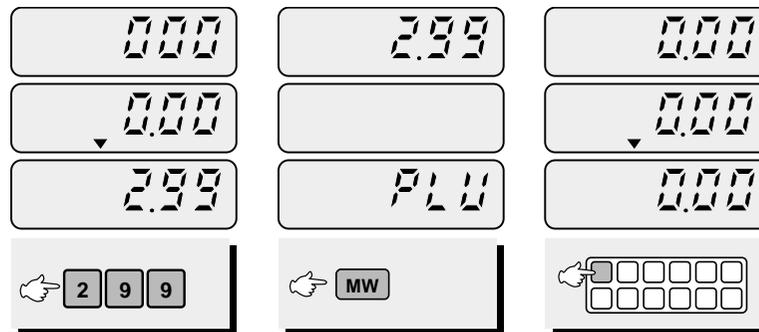
③ Remove the commodity  
from the platter.  
Then the display still  
shows tare weight,  
and unit price.

## 6. SAVING A PLU TO MEMORY

The function saves each PLU into a internal back up memories.  
The PLU means Price Look Up which has an unit price.

- AP-EX has 28direct PLUs and 200 indirect PLUs.
- AP-MX has 5direct PLUs and 200 indirect PLUs.
- AP-SM has 7direct PLUs.

### A) For Direct PLUs

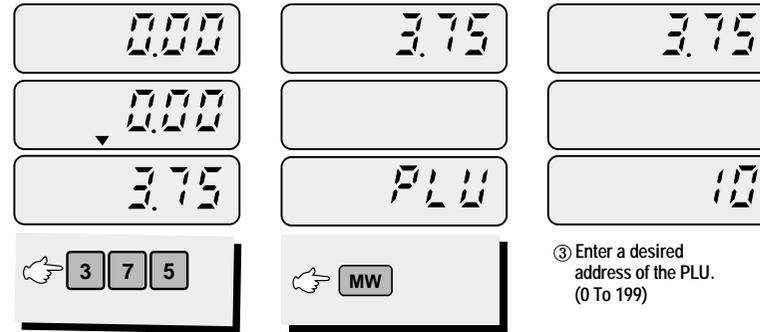


① Enter a unit price.

② Press the MW key.

③ Press one of the PLU keys.

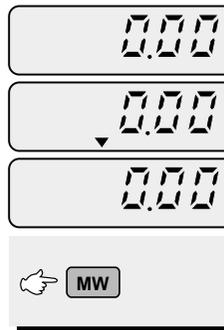
### B) For Indirect PLUs



① Enter a unit price.

② Press the MW key.

③ Enter a desired  
address of the PLU.  
(0 To 199)

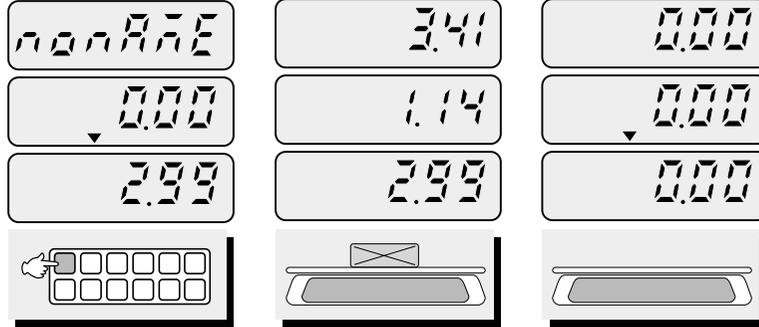


④ Press the MW key.

## 7. How to Call a PLU

Make sure that the platter is empty before call up a PLU.

### A) For Direct PLUs

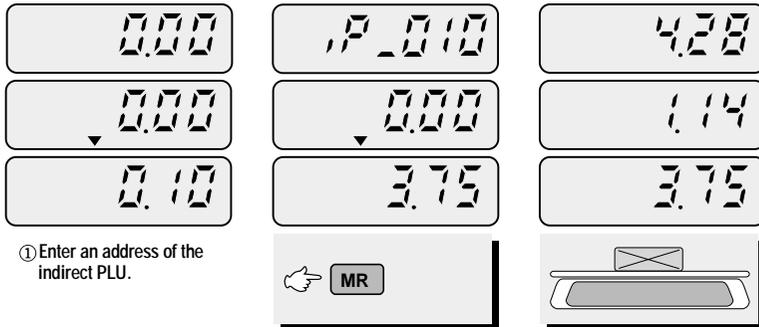


① Press one of the direct PLU keys.

② Place the commodity on the platter.

③ Remove the commodity from the platter.

### B) For Indirect PLUs



① Enter an address of the indirect PLU.

② Press the MR key.

③ Place the commodity on the platter.

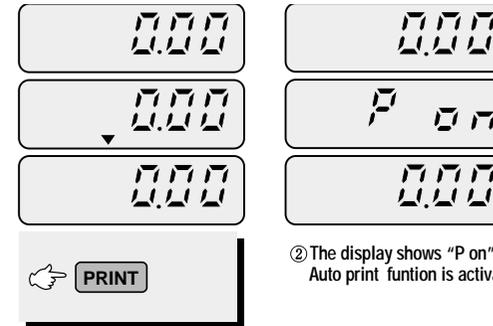


④ Remove the commodity from the platter.

► NOTE : Decimal point of the unit price display has no meaning.

## 8. How to Print

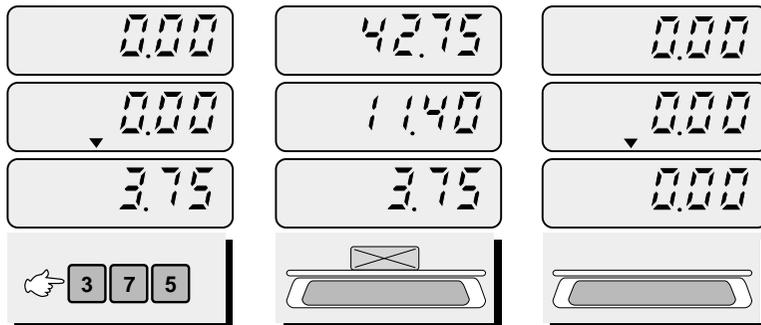
### Turn print function on.



① Press the PRINT key.

② The display shows "P on".  
Auto print function is activated.

### Do general weighing.



① Enter a unit price.

② Place commodity on the platter, and then printing is done automatically

③ Remove the commodity from the platter.

#### ► Example

DATE		
weight	unit price	total
No_PLU		
11.40 lb @	\$3.75/lb	\$42.75
Sum(\$)		\$42.75

## ERROR MESSAGES

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

ERROR	MEANINGS	SOLUTIONS
Display HELP 1	An error of the initial zero range	set the platter empty.
Display ERR 10	A failure of the analog module	Call your CAS dealer
Long Beep	key codes are broken	Call your CAS dealer from calibration

## SPECIFICATIONS

MODEL	AP-1
CAPACITY	0-30 × 0.01 lb / 30-60 × 0.02 lb
DISPLAYS:WEIGHT UNIT PRICE TOTAL PRICE	5 DIGIT 6 DIGIT 7 DIGIT
DISPLAY DESIGNATORS	ZERO, TARE, SAVE
MAXIMUM TARE	-29.99 lb
OPERATING TEMPERATURE	-10°C ~ +40°C
POWER SOURCE	AC 120V / 60Hz
POWER CONSUMPTION	APPROX. 10W
PLATTER SIZE (W × D)	340(W) × 215(D)
PRODUCT SIZE (W × D × H)	435(W) × 325(D) × 495(H)

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



**MEMO**

