

Price Computing Scale

AP-US

(lb version)

OWNER'S MANUAL



9002-AEX-0011-2

99.12



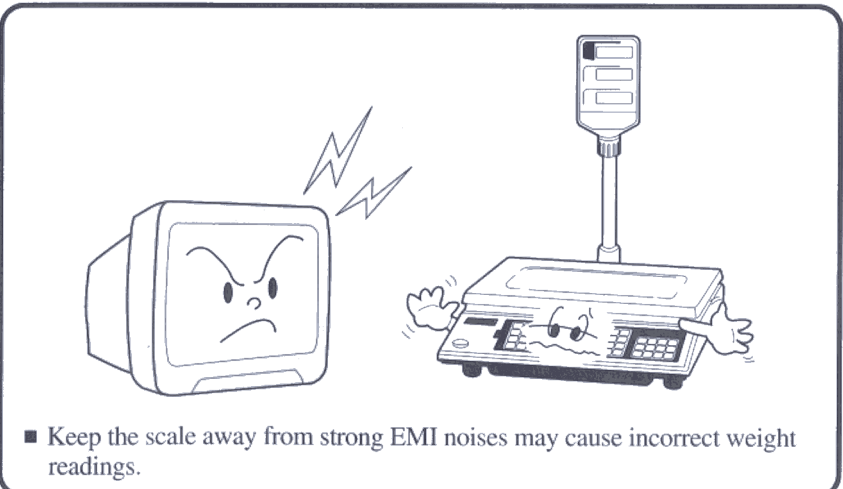
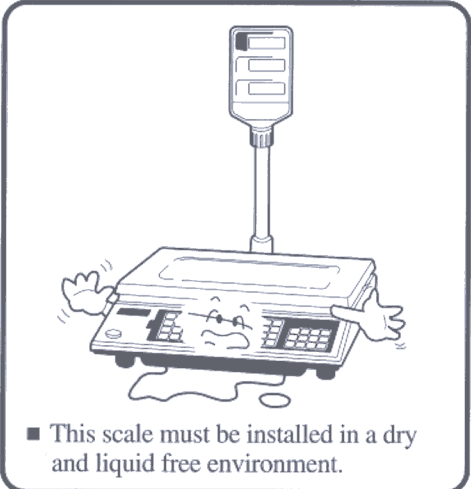
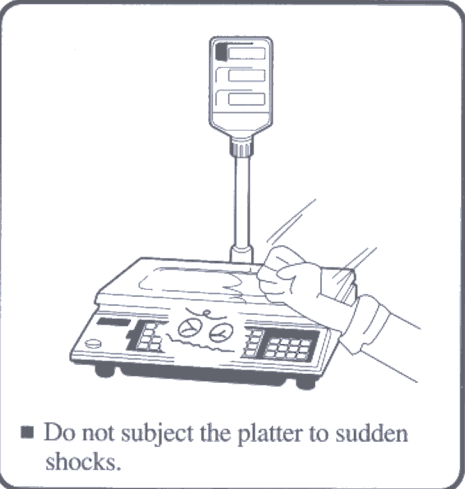
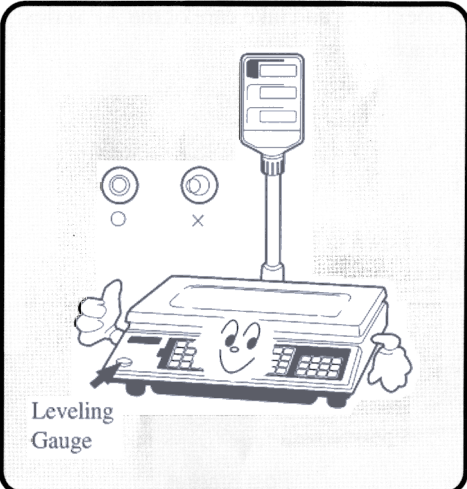
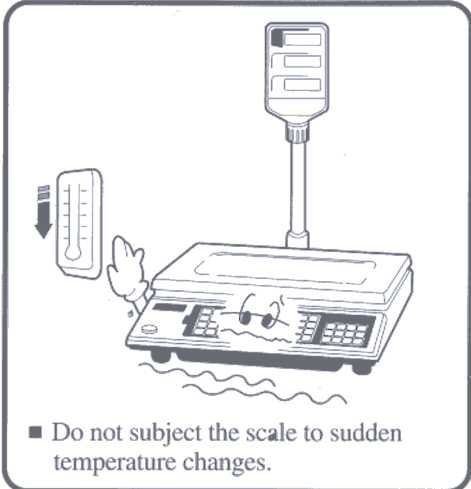
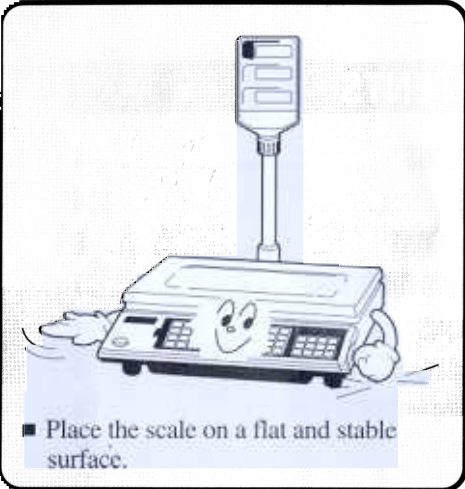
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PRECAUTIONS

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

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

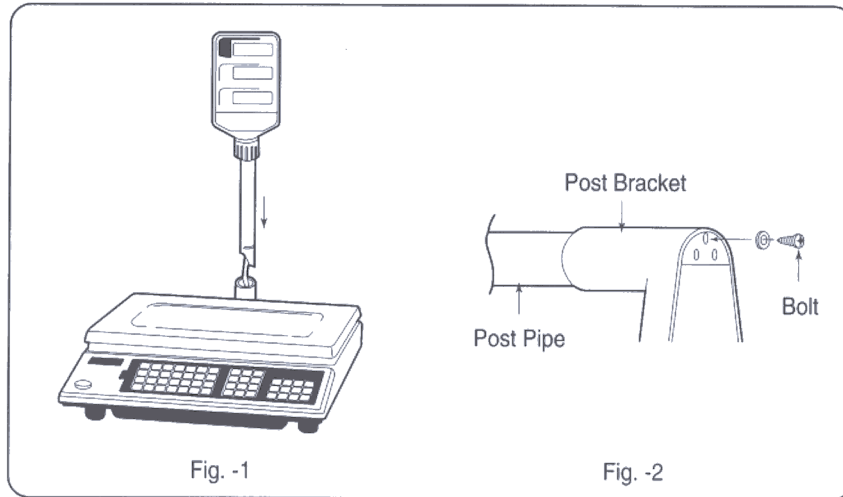


PREFACE

Thank you for the purchasing of our CAS AP Series. These series had been designed with CAS reliability, under rigid quality control and with outstanding performance. Your departments can enjoy with 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 operations and take care of the AP series. Please keep it handy for the future references.

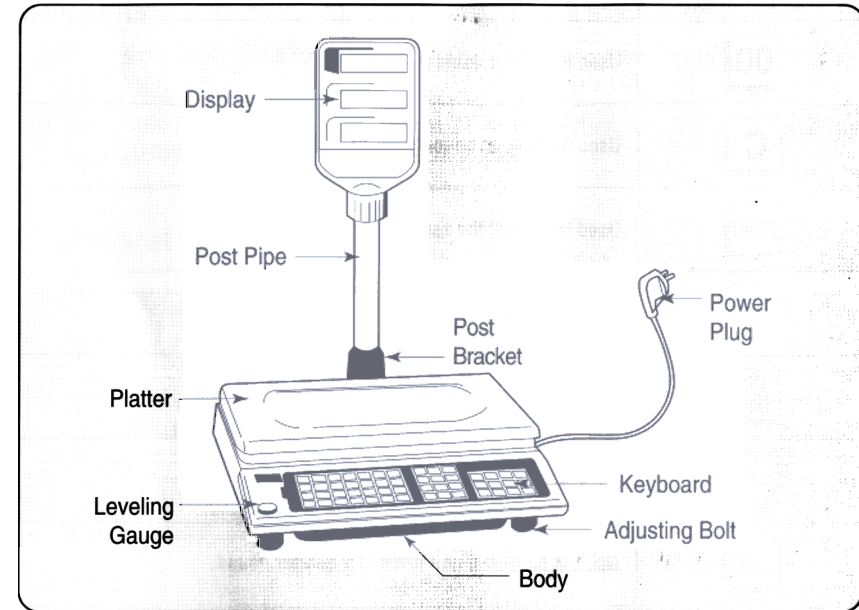
INSTALLATIONS

Insert the post pipe into a post bracket as shown in Fig. -1
Screw the post bracket and the post pipe as shown in Fig. -2

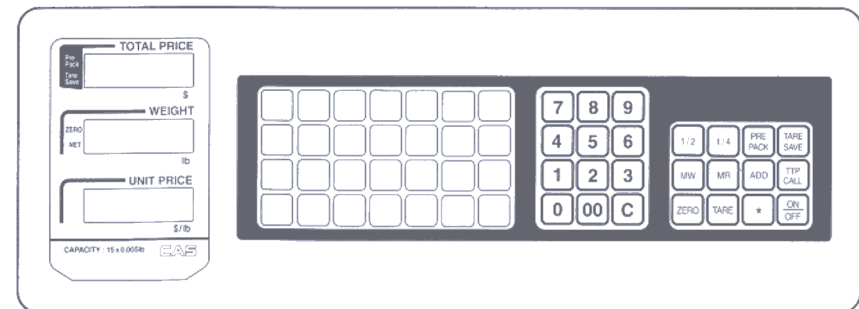


NAMES AND FUNCTIONS

OVERALL VIEW



DISPLAY & KEYBOARD



KEY FUNCTIONS

KEYS	FUNCTIONS
0 ~ 9	Used to enter all the numerical data.
00	Used to enter a double zero.
C	Used to clear erroneous entries and error conditions.
ZERO	Used to correct the zero point.
TARE	Used to enter a tare weight. Used to remove a tare weight.
ON OFF	Turns the displays on or off.
1/2	Used to convert a unit price to a half pound.
1/4	Used to convert a unit price to a quarter pound.
PRE PACK	Used to prevent the auto clearing of unit price.
TARE SAVE	Used to prevent the auto clearing of tare weight.
ADD	Used to add up prices of weighed items.
TTP CALL	Used to recall the total price of add up transactions.
MR	Used to call an indirect PLU(Price Look Up).
MW	Used to store a PLU(Price Look Up) to memory.
*	No function key.

OPERATIONS

- When you turn on the power, the scale will count "00000" to "99999". 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.

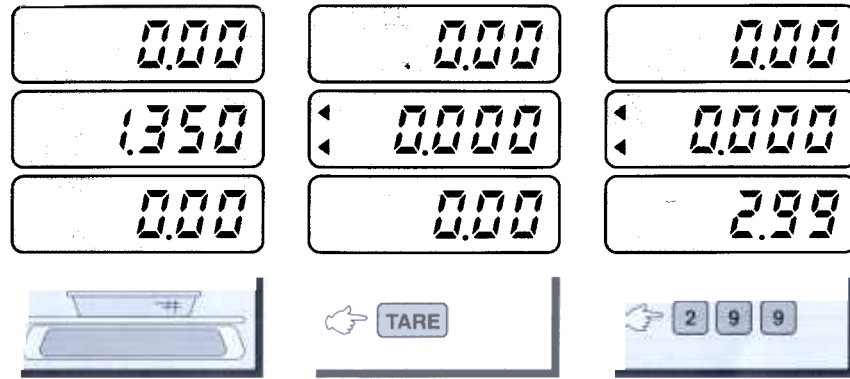
② Place the commodity on the platter.

③ Remove the commodity from the platter.

► NOTE: The unit price is cleared automatically after each transaction.

2. Weighing with Tare

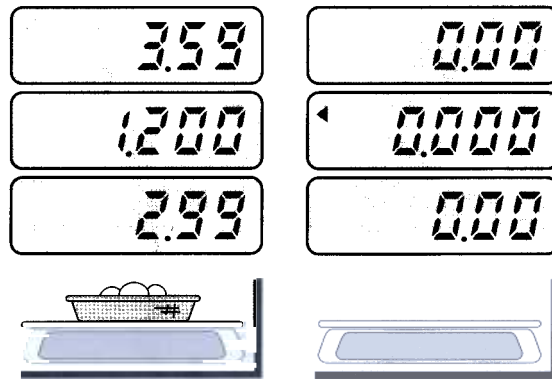
Unknown(weighed) tare



① Place the container on the platter.

② Press the TARE key.

③ Enter a unit price.



④ Place commodity on the platter.

⑤ Remove commodity from the platter.

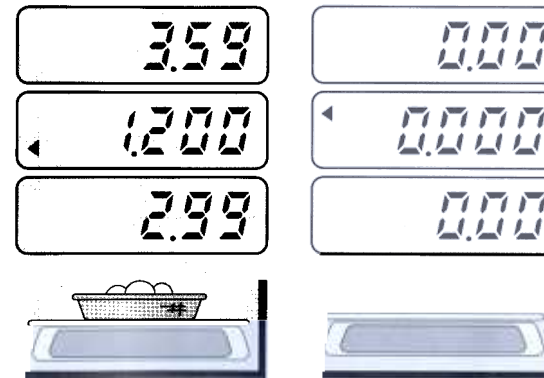
Known(manually entered) tare



① Enter tare weight by pressing the numeric key.

② Press the TARE key.

③ Place the container and enter a unit price.



④ Place commodity on the platter.

⑤ Remove commodity and container from the platter.

► NOTE 1: The tare is cleared automatically after each transaction.

NOTE 2: When you enter the tare weight, do not use the decimal point.

3. 1/2 Key



① Enter a unit price.



② Press 1/2 key. This function doubles the unit price.



③ Place the commodity on the platter.



④ Remove the commodity from the platter.

4. 1/4 Key



① Enter a unit price.



② Press 1/4 key. This function quadruples the unit price.



③ Place the commodity on the platter.



④ Remove the commodity from the platter.

5. Prepack

The PREPACK key is used to prevent the auto clearing of unit price.

To use this function, just press the PREPACK key before you call a PLU.

While "PRE PACK" is activated, the unit price is fixed unless you press the "C" key.

To release this function, press the "PRE PACK" key again.

- The display indicates if the PREPACK is activated by way of a PREPACK lamp.

6. Taresave

The TARESAVE key is used to prevent the auto clearing of tare weight.

To use this function, just press the TARESAVE key.

While “TARE SAVE” is activated, tare values are fixed unless you press the “TARE” key.

To release this function, press the “TARE SAVE” key again.

- The display indicates if the TARESAVE is activated by way of a TARE lamp.

7. Add key

You can add up 99 items up to \$9999.99, otherwise you will hear a beep.

You can see the total price by pressing TTP CALL key.

① Enter a unit price.

② Place the commodity on the platter.

③ Press ADD key.

④ Remove the commodity from the platter.

⑤ Enter the unit price of another commodity.

⑥ Place the commodity on the platter.

⑦ Press ADD key.

⑧ Remove the commodity from the platter.

8. How to Call the Added Total Price

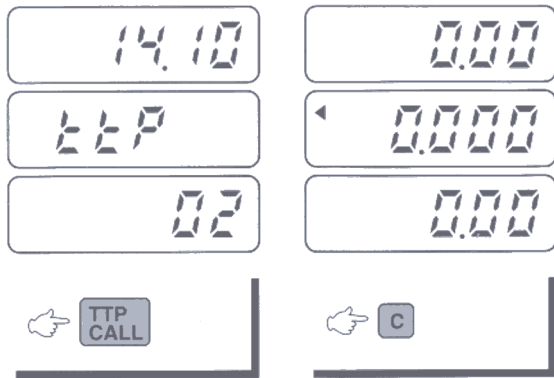
This function is used in conjunction with the “ADD” key. “TTP CALL” key shows the total price of all the added items.

To display the total price of added commodities

① Press TTP CALL key.

② Press TTP CALL key again to return to weighing mode.

To clear the total price of added commodities



① Press TTP CALL key.

② Press C key to clear total price and return to weighing mode.

9. Saving a PLU to Memory

This scale has 28 direct PLUs and 172 indirect PLUs.

A) For Direct PLUs



① Enter a unit price.

② Press MW key.

③ Press one of the direct PLU keys.

B) For Indirect PLUs



① Enter a unit price.

② Press MW key.

③ Enter a desired address number of the PLU.



④ Press MW key.

► NOTE: The address number of the PLU is limited from 0 to 199

10. How to Call a PLU

Make sure that the platter is empty when you call 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 the address of an indirect PLU.

2) Press MR key.

3) Place a commodity on the platter.



4) Remove the commodity from the platter.

► NOTE: Do not use the decimal point while recalling PLUs.

ERROR MESSAGES

To help the customer's understanding, this scale warns the user with proper error message. Please refer to the table below.

ERROR	REASONS	SOLUTIONS
Err 1	An error of the initial zero range	1. Make sure the platter is empty. 2. Make sure there is a platter on the scale.
Err 6	An overflow has occurred from the ADD key	Press the C key
Err 8	An overflow has occurred in the transaction counter	Press C key
Err 10	Failure of analog module	Call your CAS dealer
Err 11	Failure of digital module	Call your CAS dealer
Err 12	Condition codes are broken	Call your CAS dealer for span calibration
Err 13	Key codes are broken	Call your CAS dealer for span calibration

SPECIFICATIONS

MODEL	AP-1		
CAPACITY	15 × 0.005 lb	30 × 0.01 lb	60 × 0.02 lb
DISPLAYS:			
WEIGHT	5 DIGITS	5 DIGITS	
UNIT PRICE	6 DIGITS	4 DIGITS	
TOTAL PRICE	6 DIGITS	4 DIGITS	
MAXIMUM TARE	-9.995 lb	-30.00 lb	-60.00 lb
DISPLAY DESIGNATORS	ZERO, NET, PREPACK, TARESAVE		
	-10°C ~ +40°C		
POWER SOURCE	AC 120V / 60Hz		
POWER CONSUMPTION	APPROX. 10W		
PLATTER SIZE (W×D)	340 × 215mm / 13.4 × 8.5inch		
PRODUCT SIZE (W×D×H)	435 × 325 × 495mm / 17.1 × 12.8 × 19.5inch		
PRODUCT WEIGHT	6.5kg		

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

MEMO