

# **MW SERIES**

OWNER'S MANUAL

**CAS CORPORATION**

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## PREFACE

Thank you for purchasing our CAS MW 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.

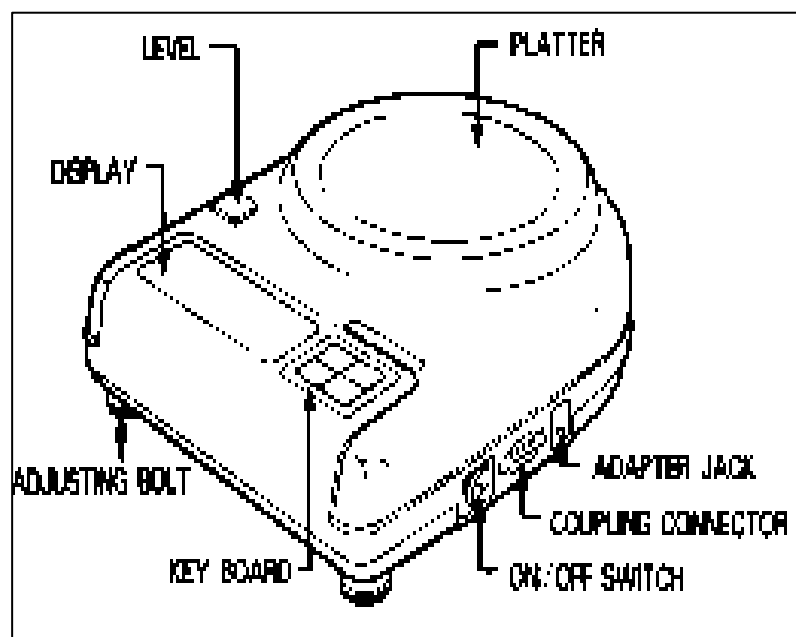
This manual will help you with proper operation and care of the MW Series.

Please keep it handy for future reference.

## INSTALLATIONS and PRECAUTIONS

1. Make sure that you plug your scale into the proper power outlet.
2. Place the scale on a flat and stable surface.
3. Plug into a power outlet 10 minutes before operations.
4. Keep the scale away from strong EMI noises may cause incorrect weight readings.
5. This scale must be installed in a dry and liquid free environment.
6. Do not subject the scale to sudden temperature changes.
7. Do not subject the platter to sudden shocks.
8. If the scale is not properly level, 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.

## NAMES and FUNCTIONS



\* Adapter Jack is a connector to supply power DC 12V by using adapter.

\* Coupling connector used for interfacing with external device and it is optional.

## DISPLAY

## KEYBOARD

|      |      |
|------|------|
| TARE | ZERO |
| SET  | MODE |

### ► KEY FUNCTIONS

- . **TARE**      Used to enter a tare weight and used to cancel a tare weight.
- . **ZERO**      Used to set the zero point.
- . **SET**        Used to enter the weight of sample in counting mode.
- . **MODE**     Used to change the mode between counting mode and weighing mode.

## POWER

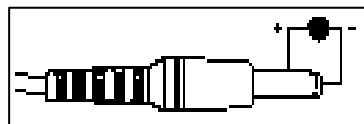


fig. 1

Use only DC 12V/300mA adapter.

Insert the adapter jack into the outlet and turn the scale on.

## OPERATIONS

- \* Turn on the power by pressing ON/ OFF switch.
- \* 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 TARE lamps.
- \* When the display is not zero though there is nothing on the platter, press the ZERO key.

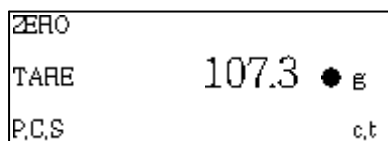
\* This scale has counting mode and weighing mode. To change the mode, press the MODE key.

If you use the scale in the weighing mode, make sure that "g" lamp is on and in the counting mode, make sure that "P.C.S" lamp is on.

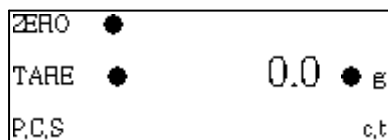
## Weighing with Tare

Tare is the weight of container being used for a commodity.

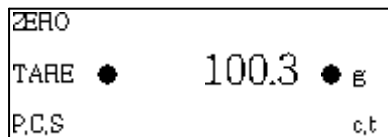
The TARE key subtracts the weight of the container.



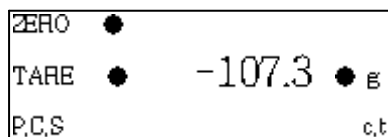
Place the container on the platter.



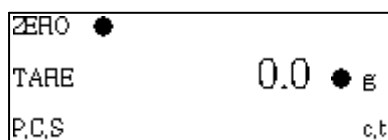
Press the TARE key.



Place a sample in the container.



Remove a sample and container from the platter.



Press the TARE key.

NOTE : In case of MW-120, decimal point position should be changed as "0.00".

## SET-UP QUANTITY IN COUNTING MODE

To go to counting mode, Press the MODE key. Make sure that "P.C.S" lamp is on.

|         |     |    |     |
|---------|-----|----|-----|
| ZERO ●  |     |    |     |
| TARE    | PUt | 10 | g   |
| P.C.S ● |     |    | c.t |

Place 10 pieces of sample and press the SET key.

|         |  |    |     |
|---------|--|----|-----|
| ZERO    |  |    |     |
| TARE    |  | 10 | g   |
| P.C.S ● |  |    | c.t |

In a second, "10 " will be displayed.

|         |     |    |     |
|---------|-----|----|-----|
| ZERO ●  |     |    |     |
| TARE    | PUt | 20 | g   |
| P.C.S ● |     |    | c.t |

If you press the SET key while the weight of samples is less than 4g (0.4g in MW-120), "-----" will be displayed and then "Put 20" will be displayed. In this case, place 10 more samples on the platter.

|         |  |    |     |
|---------|--|----|-----|
| ZERO    |  |    |     |
| TARE    |  | 20 | g   |
| P.C.S ● |  |    | c.t |

If the full weight of samples is over 4g(0.4g in MW-120), press the SET key, then "20" will be displayed.

|         |     |    |     |
|---------|-----|----|-----|
| ZERO ●  |     |    |     |
| TARE    | PUt | 50 | g   |
| P.C.S ● |     |    | c.t |

If the SET key has pressed while insufficient weighing condition, look over whether "Put 50" is displayed by pressing the SET key. In this case, place the other 30 samples more.

|         |  |    |     |
|---------|--|----|-----|
| ZERO    |  |    |     |
| TARE    |  | 50 | g   |
| P.C.S ● |  |    | c.t |

If the weight of 50 samples is over 4g (0.4g in MW-120), press the SET key. Then "50" will be displayed.

NOTE : Available to use the tare function in counting mode.

Place the container on the platter and press the TARE key. Then you can perform countings.

## SPECIFICATIONS

| MODEL             | MW-120       | MW-1200      |
|-------------------|--------------|--------------|
| CAPACITY          | 120 x 0,01 g | 1200 x 0,1 g |
| MAX. TARE         | -99,99g      | -999,9g      |
| DISPLAY TYPE      | L,E,D        |              |
| DISPLAY UNIT      | 5 DIGITS     |              |
| MEASUREMENT TYPE  | LOAD CELL    |              |
| TEMPERATURE RANGE | -10°C ~ 40°C |              |
| POWER SUPPLY      | 220V         |              |

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