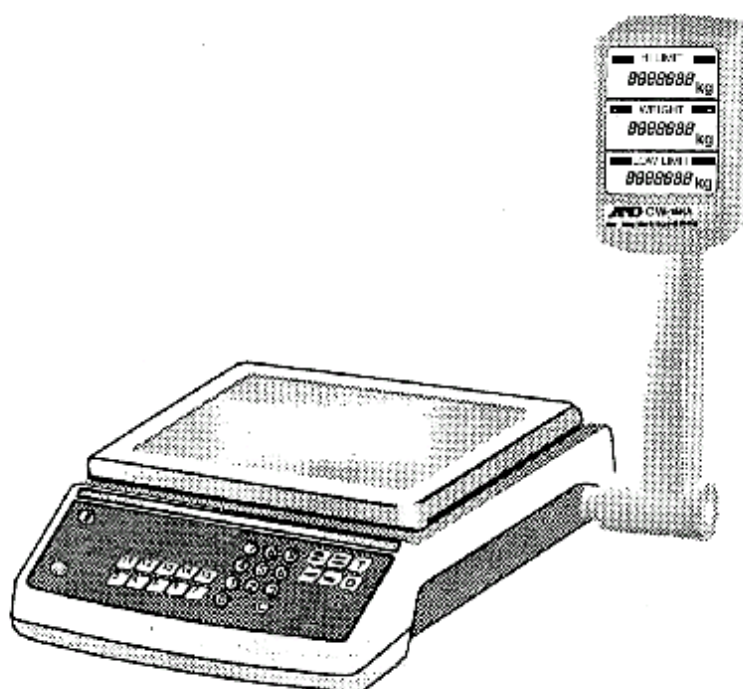


CW Series Check Weighing Scales

Instruction Manual



CW Series

CW Series Instruction Manual

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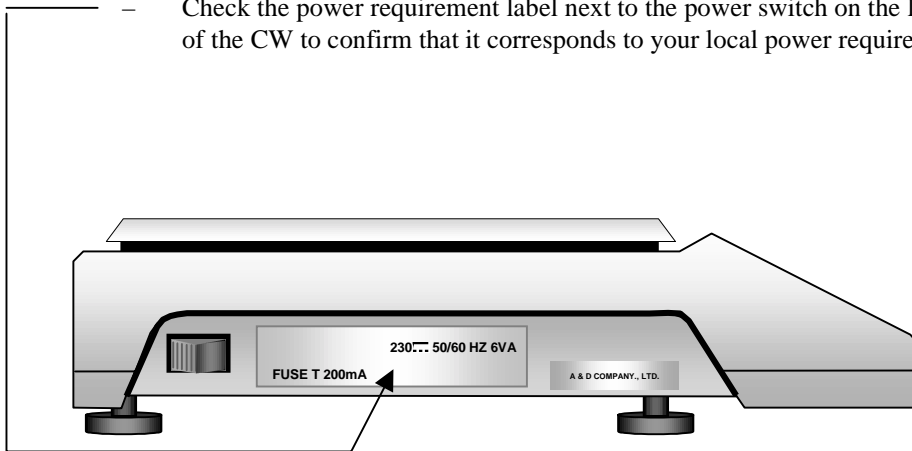
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Thank You...

Thank you for purchasing our CW Series Check Weighing scale. ***Before using your new scale, please read the operating instructions.***

Warning before connecting power plug:

- Do not place a load on the weighing pan before connecting the power supply.
- Check the power requirement label next to the power switch on the lower left side of the body of the CW to confirm that it corresponds to your local power requirements.



• Unpacking and Inspecting

- The CW check weighing scales are precision instruments, please handle them with care.
- Please inspect your new CW when unpacking, and retain the shipping container in the event that you need to return the unit to your dealer for repair.
- The following items should be included in your shipping container:
 - CW Check Weighing Scale.
 - Optional RS-232C, if ordered.
 - Instructional manual

CW Series Specifications

Specification Table

Model	Capacity	Display	Type	AC Type	Options
CW - 6KA	3/6kg x 1/2g	VFD	Tower	AC hardwired	RS-232C
CW -15KA	6/15kg x 2/5g	VFD	Tower	AC hardwired	RS-232C
CW -30KA	15/30kg x 5/10g	VFD	Tower	AC hardwired	RS-232C

Display: Numerical Digits
VFD Type

Hi Limit Display: 5
Weight Display: 5
Low Limit Display: 5

Resolution: 1/3000

Sensor: Strain gauged load cell

Character Size:

Hi Limit Display: 13mm
Weight Display: 13mm
Low Limit Display: 13mm

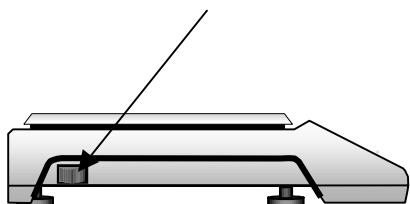
Weighing Pan Size:
300mm x 280mm

Physical Weight of the Scale:
CW Series Approximately 5.5kg

Operating Temperature:
-10°C ~ 40°C / 14°F ~ 104 °F; RH less than 85%

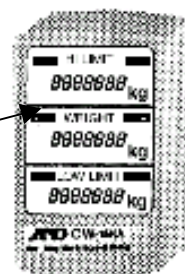
CW Series Main Operating Components

Power Switch turns the power to the unit on and off.

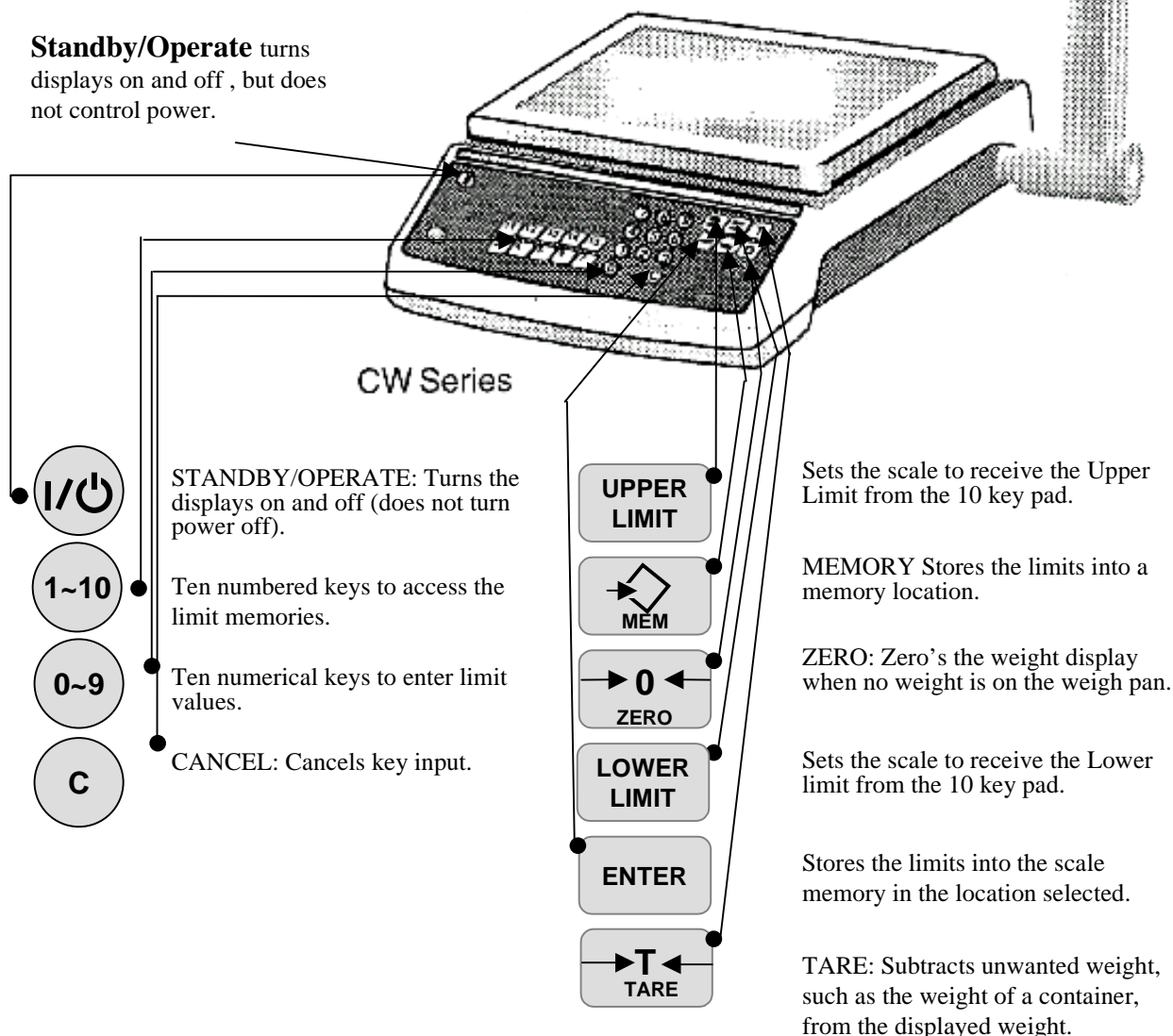


Multiple displays

- Hi Limit
- Weight of Item
- Low Limit



Standby/Operate turns displays on and off, but does not control power.



CW Series Operating Instructions

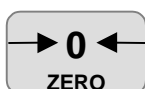
1. Zero Point Adjustment

The zero point is automatically adjusted when power is turned on. If the display shows a positive or negative weight, the scale must be re-zeroed.

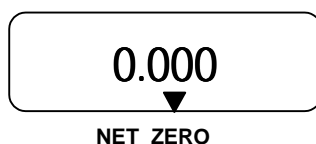
How to Re-Zero:

1. Assure that nothing is on the weigh pan.

2. Press



3. “0” should appear on the weight display



2. Tare Adjustment

When weighing with a container, it is necessary to TARE out the weight of the container in order to get an accurate weight reading.

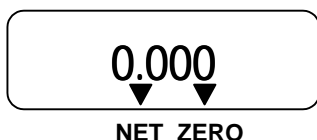
How to Operate TARE:

1. Place empty container (100g) on the weigh pan. Display reads “100” :

2. Press



3. The weight display display should read:



Note:

When a TARE weight has been set, it is not possible to set a new TARE weight of a lower value by the instructions above. It is necessary to delete the previous TARE by pressing the ZERO key with an empty pan, before entering a TARE of lower value.

4. When removing the weight from the pan the display reads “-100”

CW Series Operating Instructions

3. Setting an Upper Limit

1. Press the UPPER LIMIT KEY.
The Weight, centre, display will show Set Hi.
2. Use the 10 key pad to enter the required limit and then press the ENTER key to store the limit into the scale's memory.

The example below shows the entry of an upper limit of 12.500kg.



CW Series Operating Instructions

4. Setting a Lower Limit

1. Press the LOWER LIMIT KEY.

The Weight, centre, display will show Set lo

2. Use the 10 key pad to enter the required limit and then press the ENTER key to store the limit into the scale's memory.

The example below shows the entry of a lower limit of 11.255kg.



CW Series Operating Instructions

5. Storing the Limits into Memory

It is possible to store the limits in memory for quick recall.

The CW Series check weighing scales can store up to 10 sets of limits.

The following instructions explain how to assign a memory key to a set of limits..

Step 1: Enter the upper and lower limits as described in (3) and (4).

Step 2: Press the



Step 3: Press the desired memory number key

The limit set is now stored in the selected key.

6. Recalling a limit set from Memory

Step 1: Press the desired memory key - the limits are shown in the Hi Limit and Low Limit displays

7. Clearing Limit Memory:

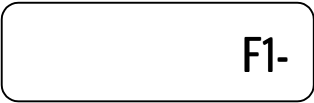
To clear a limit memory use the procedures above to firstly set the Upper and Lower limits to 0 and then store them to the selected limit memory.

CW Series Operating Instructions

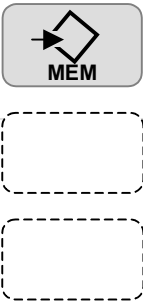
8. Setting “F” Functions


“F” functions allow the programming of various functions of the CW Check Weighing scales. Following is a brief description of these functions and how to program them.

Step 1: Starting with the power off, hold  and turn on the power switch


Displays 

Step 2: Press the hidden key, 2 below the MEM key, to select the desired “F” function group.



Step 3: Using the 10 key pad and the  key, select and cancel

the various settings for each “F” function. Press the hidden key to move to the next “F” function.

Step 4: Use  to store the data when each setting has been selected.

F1: Auto display off	0: Yes	1: No	
F2: Not used	0:	1:	2:
F3: Output Data	0: Not used	1: Not used	
	2: Command mode	3: Stream mode	
	4: Not used	5: Not used	
	6: Not used	7: Not used	
F4: Baud Rate	0: 600 bps	1: 1200 bps	
	2: 2400 bps	3: 4800 bps	4: 9600 bps
F5: Parity Bit	0: 7 bits (Even)	1: 8 bits (No parity)	



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