

# SW Series Weight Only Scales

## Instruction Manual



# SW Series Instruction Manual

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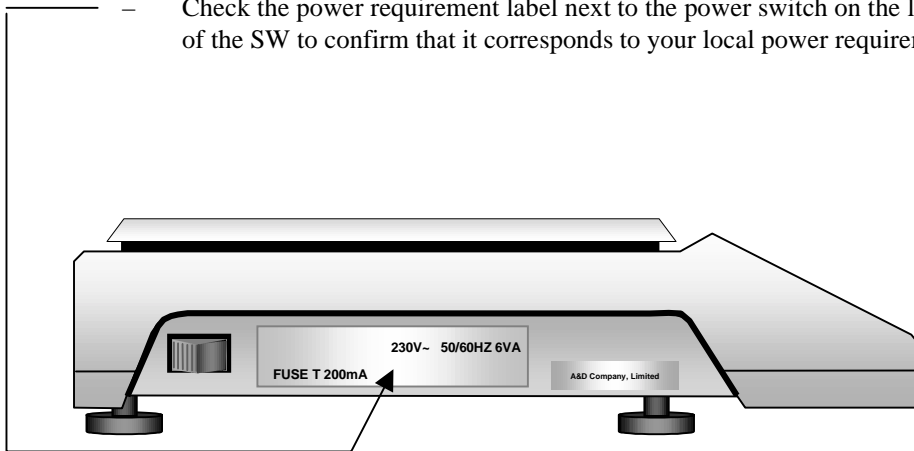
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# Thank You...

Thank you for purchasing our A&D SW Series 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 SW to confirm that it corresponds to your local power requirements.



- **Unpacking and inspecting**
  - The SW scales are precision instruments, please handle them with care.
  - Please inspect your new SW 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:
    - SW scale.
    - Optional RS-232C, if ordered.
    - Instructional manual

# SW Series Specifications

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**Specification Table**

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

**Display:** VFDDisplay

Weight Display: 5 Numerical Digits

**Resolution:** 1/3000

**Character Size:**

Weight Display: 13mm

**Sensor:** Strain gauged load cell

**Weighing Pan Size:**

300mm x 280mm

**Physical Weight of the Scale:**

SW Series Approximately 5.5kg

**Operating Temperature:**

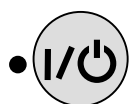
-10°C ~ 40°C / 14°F ~ 104 °F; RH less than 85%

# SW Series Main Operating Components

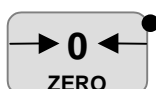
**Standby/Operate** turns displays on and off , but does not control power.

## Displays

- Weight of product
- Zero & Tare status



**STANDBY/OPERATE:** Turns the displays on and off (does not turn power off).



**ZERO:** Zero's the weight display when no weight is on the weigh pan, to provide accurate calculations.



**TARE:** Subtracts unwanted weight, such as the weight of a container, from price calculations.

# SW Series Operating Instructions

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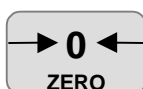
## 1. Zero Point Adjustment

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.

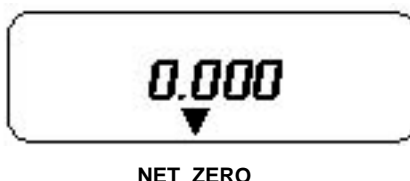
### How to re-zero:

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 price/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:

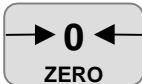
When a TARE weight has been set, it is not possible to set a new TARE weight of a **lower** value by the instructions above. It is necessary to delete the previous TARE by pressing the ZERO key with an empty pan, before entering a TARE of lower value.

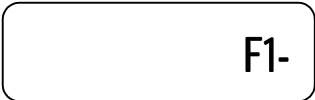
4. When removing the weight from the pan the display reads “-100”

# CW Series Operating Instructions

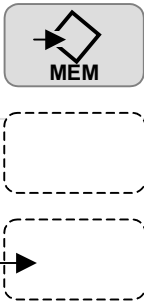
## 3. Setting “F” Functions


“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: Print key mode A	1: Print key mode B
	2: Command mode	3: Stream mode
	4: Key trigger [delay]	5: Key trigger [no delay]
	6: Towa command	7: Towa command
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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