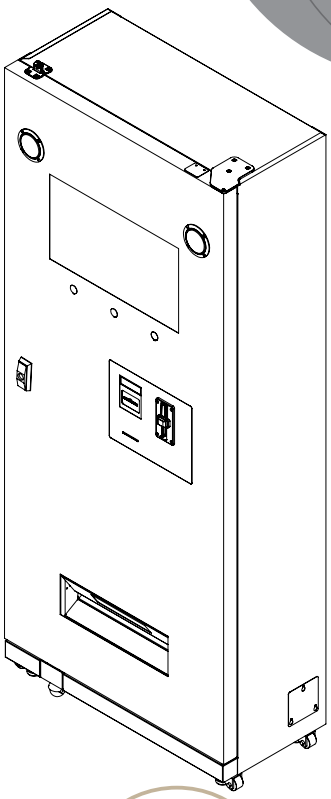
ASW200

Mask Vending Machine
User Guide



Thank you for choosing TOP VME .

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1. Introduction

1-1. Overview

Front end UI (User Interface) Uses simple and easy to understand text narration and can be paired with voice guidance/sound to complete the purchase of products.

The management system uses an online mode to know real-time when the unit needs replenishment, current transaction amounts and errors.

1-2. Features

	ASW200	ASW210	ASW230	ASW250
Convenient refill	●	●	●	●
Large stock volume	●	●	●	●
Simple and fast process	●	●	●	●
UV germicidal lamp	●	●	●	●
Small frame	●	●	●	●
Screen to display videos or notifications	●	●	●	
Instant display of current stock	●	●	●	
Instant notification of Low level	●	●	●	
Error notification	●	●	●	
Anti-theft instant notification	●	●	●	
Voice operated	●	●	●	

2. Specifications

2-1. General

Model	Standing Vending Machine
Railings	3 sets
Storage Capacity	60 per railing (180 total)
Load Capacity	Weight limit 3.7 kg /rail
Dimensions	L200 xW100xH20 mm
Color	White

2-2.Electronic

Power Source	110V AC
Consumption	(ASW200/210/230) Standby:60.5W Working:69.3W Max,:73.7W
	(ASW250) Standby:15.4W Working:25.3W Max.:29.7W
Temperature range	indoor

2-3.Mechanical

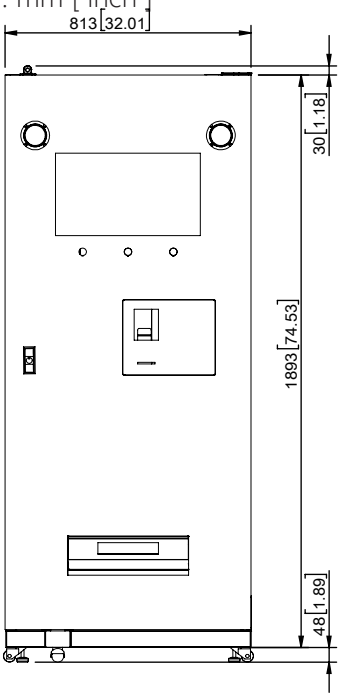
Weight	ASW200 : 117 KG ASW210 : 117.5 KG ASW230 : 119.5 KG ASW250 : 119.5 KG Average weight ± 5%
Dimension	1941 X 813 X 380 mm (± 5mm)
Screen Size	21.5-inch Product display window/ 21.5-inch monitor (optional)

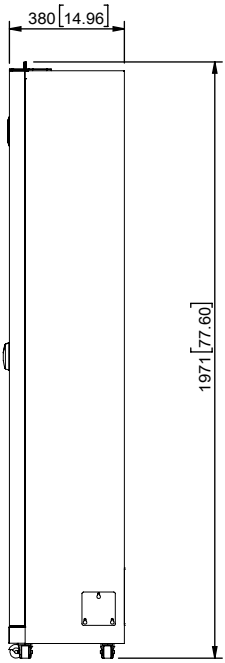
3. Content

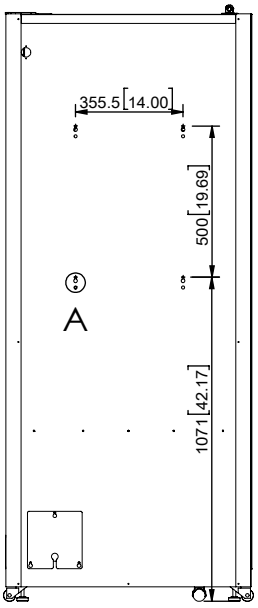
Main	Mask Vending Machine *1
Accessories	Keys x 2
	Power Cord *1
	User Manual *1

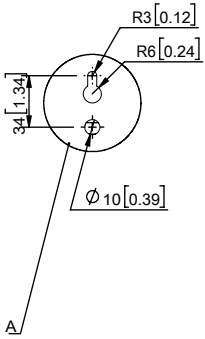
4. Dimensions

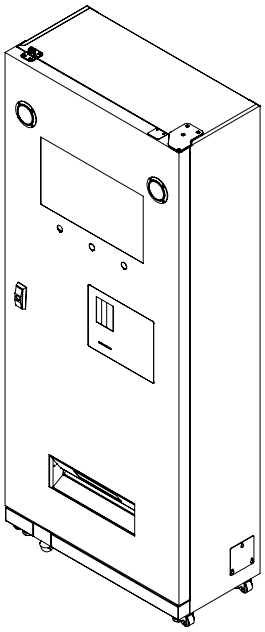
Unit : mm [inch]



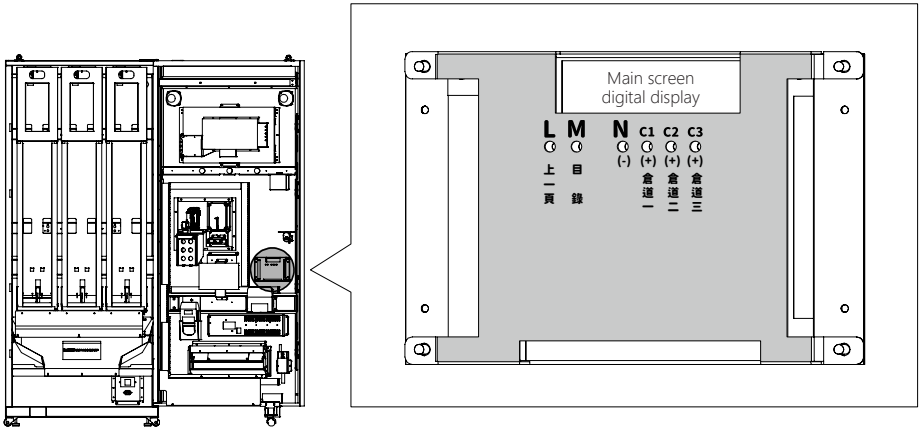








5. Main Control Board



5-1. Key Function

(L) - Previous page: Use to enter menu settings and return to the previous page.

(M)- Contents: Enter function settings.

Home Digital	(M) → ← (L)	Amount	(M) → ← (L)	Price	(M) → ← (L)	Motor	(M) → ← (L)	Home	(M) → ← (L)	Muti	(M) → ← (L)	Sen	(M) → ← (L)

(N)- Decrease: To reduce values for rails 1 to 3

(C1)- Rail 1 Amount and Price increase, Motor 1 rotation test.

(C2)- Rail 2 Amount and Price increase, Motor 2 rotation test.

(C3)- Rail 3 Amount and Price increase, Motor 3 rotation test.

5-2. Display

Main Screen number: Display the total qty on the vending machine

Amount: Number of stock (ASW200、ASW210、ASW230)

Price: Set the selling price.

Motor: Lever rotation test.

Home: Position the lever, must have stock on the shelves

Muti: Set pulse multiplier (ASW230、ASW250)

Sen: Test all switches except the door open switch, Shelves must be empty

5-3. Setting Stock

1. Press (M) twice to display Amount
2. Press (C1) to display CH1 001, keep pressing (C1) repeatedly to increase the value for CH1. Press (N) to decrease the value.
3. Press (C2) to display CH2 001, keep pressing (C2) repeatedly to increase the value for CH2. Press (N) to decrease the value.
4. Press (C3) to display CH3 001, keep pressing (C3) repeatedly to increase the value for CH3. Press (N) to decrease the value.
5. Press (L) to return to home screen.

5-4. Setting Price

1. Press (M) twice to display Price
2. Press (C1) once to display P1 001, keep pressing (C1) repeatedly to increase the value for CH1. Press (N) to decrease the value.
3. Press (C2) once to display P2 001, keep pressing (C2) repeatedly to increase the value for CH2. Press (N) to decrease the value.
4. Press (C3) once to display P3 001, keep pressing (C3) repeatedly to increase the value for CH3. Press (N) to decrease the value.
5. Press (L) twice to return to home screen.

5-5. Motor Test

1. Press (M) three times to display Motor.
2. Long press (C1) and the motor of rail 1 will turn.
3. Long press (C2) and the motor of rail 2 will turn.
4. Long press (C3) and the motor of rail 3 will turn.
5. Press (L) three times to return to home screen.

5-6. Lever Position

Minimum of 2 products need to be placed on each shelf

1. Press (M) four times to display Home
2. Press (C1) once and rail 1 will dispense one product.
3. Press (C2) once and rail 2 will dispense one product.
4. Press (C3) once and rail 3 will dispense one product.
5. Press (L) four times to return to home screen.

5-7. Pulse Multiplier

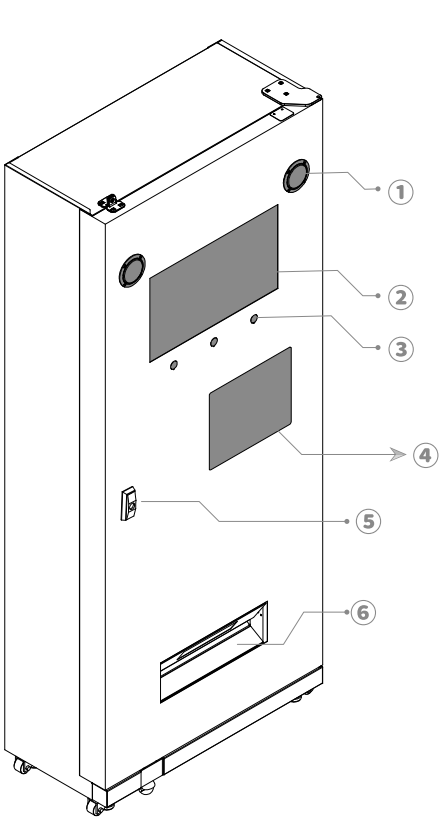
1. Press (M) five times to display Muti.
2. Press (C3) once and press (C3) again to increase the value.
3. Press (C2) once and press (C2) again to decrease the value.
4. Press (L) five times to return to the main screen.

5-8. Low Level Sensor Test

Shelves must be empty.

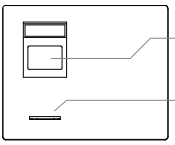
1. Press (M) six times to show Sen 0.
2. Press each switch and the display will show Sen 1.
3. Press (L) six times to return to main screen.

6. Description

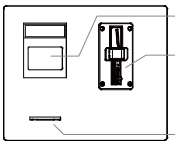


④

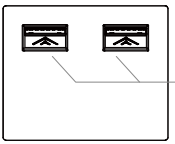
ASW200



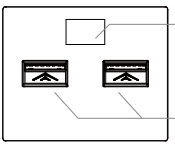
ASW210



ASW230



ASW250

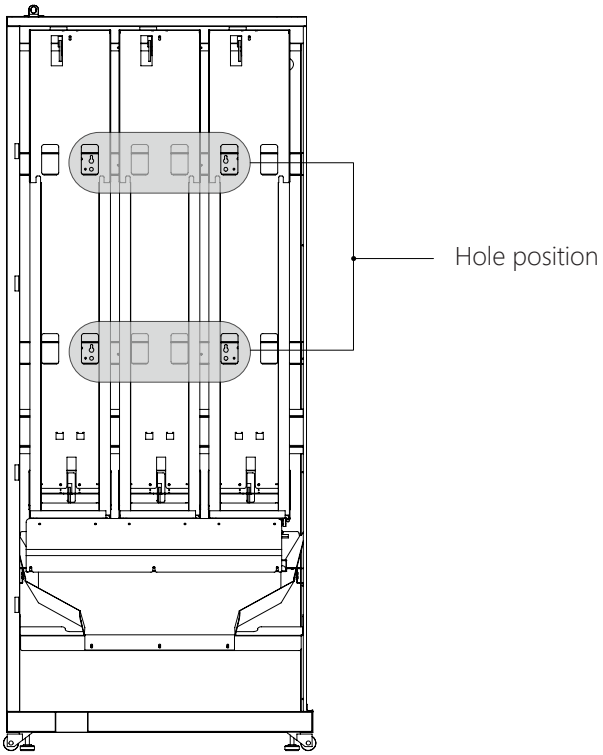


1. Speakers (Except model ASW250)
2. 21.5inch high-resolution monitor (ASW200、210、230)

/Product display window (ASW250)

3. Buttons (ASW230、250)
4. Payment module
5. Lock
6. Pick up tray

6-1. Fixing Machine to a wall



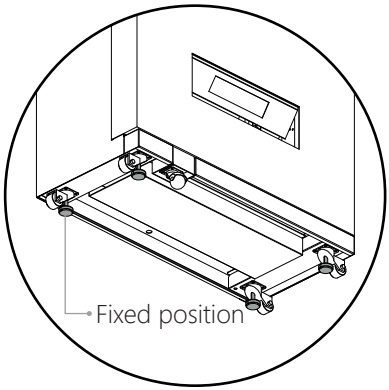
(We recommend using 8mm outer diameter anchor bolts)

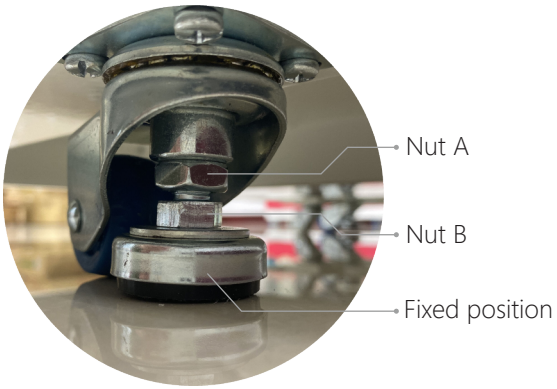
1. Drill holes according to the recommended size and following the length of bolts used.

2. Insert the anchor bolt into the drilled places and use a rubber hammer to insert into place

3. After placing the machine to its fixed position, install the bolts and tighten the nuts.

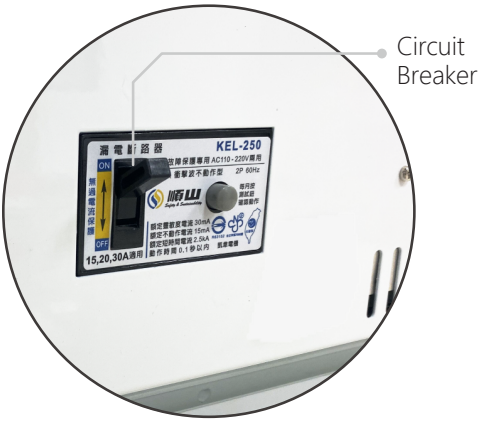
6-2. Machine Feet





1. After placing the unit in the desired position, turn the fixed feet until they have contact to the ground.
2. Use a wrench to tighten nut A.
3. Use a wrench to tighten nut B upwards. This will keep the unit in place.

6-3. Circuit Breaker and Main Switch



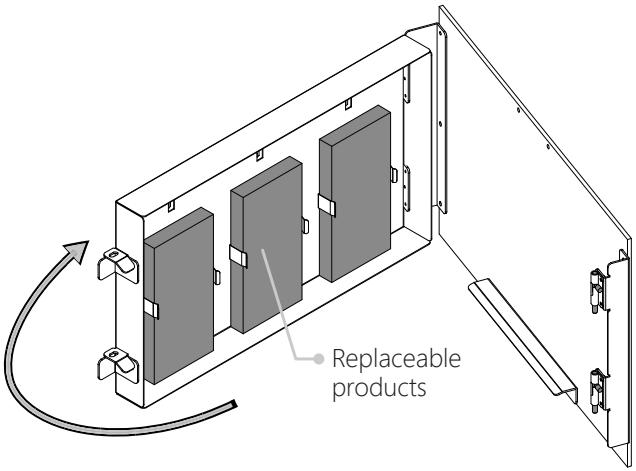
To test the circuit breaker:

1. When power on is completed, be sure to press the jumper button to confirm the movements are normal. This test should be carried out regularly.

2. If the breaker jumper is triggered, always make sure what is causing it before returning the machine back to work.

3. If the motherboard needs replacing, always turn off the control board switch first.

6-4. ASW250Product Display Window



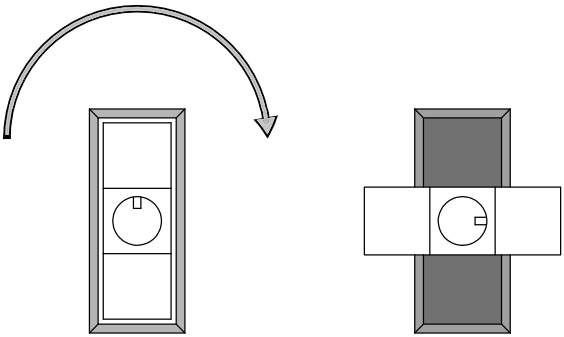
1. Pull A to open the display window.

2. Display merchandise can be changed.

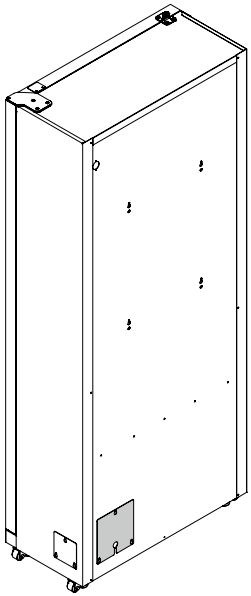
6-5. Locks

1. Insert the key and turn 90 degrees to the right.

2. The lock will automatically pop up. Turn the lock 90 degrees to the right.



6-6. Power Cable



For shipping, the power cord will be placed inside the unit. Please loosen the three screws on the A plate and remove the power cord and tighten the plate back into place.

7. Troubleshooting

Display	Description	Corrective action
Channel Jam	Goods out of place, not pressing on the SENSOR	Reposition the goods
Error	If the stock value is not 0 · The three low level SENSORS are not registering correctly	Confirm if there are products on the rail, if there are, the sensor is malfunctioning
Replenish	Front door not closed correctly	Close and lock the main door.

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