

Compact Vending Machine



Compact Vending Machine is an Automatic Self-Service Vending Machine used for dispensing Condom Box or Sanitary Napkin against acceptance of Coins. The Machine is configured to dispense five different products through reliable motorized spiral mechanism.

Operation:

- 5 separate push buttons are available for each product selection.
- Upon selection of the product, Machine illuminates the selected product and displays the value of the product in the LCD prompting the user to insert coins one by one into the single slot multi-coin Electronic coin validator.
- Dispenses the selected product upon receipt of the exact value by any combination of Coins.
- Audible Buzzer provides beep sound alerts during transactions and a "Thank You" message is displayed at the end of each successful transaction in the LCD.

Transaction Unit:

- Electronic Coin Validator to accept coins of all denominations namely INR 1, 2, 5 and 10 with an acceptance speed of 3 Coins/Second.
- The Coin Validator accepts the coins through a single slot entry for multi-coin operation.
- This machine is configured with 5 Product selections in 5 Trays arrangement with support.
- Machine does not accept excess coins over the pre-set value of the product.
- The Standard Single Condom Box (3 Sachet Pack) holding Capacity is 75 Numbers in this machine. The product holding capacity for Sanitary Napkin is 150 numbers in this machine. The holding capacity depends on the product size and thickness of the pack.



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User Interface:

- Each product can be selected using any one of the 5 push button keys configured.
- 2 line LCD with backlight is available for better visibility and to display messages to the user like product selection, its price, transaction status and stock out condition.
- Single slot entry for inserting all denominations of coins one by one.

Controller Unit:

- Main Electronics Controller PCB incorporates the latest RISC Microcontroller technology.
- Industrial grade components are used in PCB to withstand temperatures up to 85 Degrees Centigrade. Compact design achieved with Surface mount electronic parts.
- Switch Mode Power Supplies (SMPS) are configured for soft start and stop operations.
- Battery Back-up with 12V, 7Ah battery during mains power failure and a built-in charger to charge the battery when mains on.
- Power Supply: 150V to 230V AC, 50Hz, 15W.

Special Features:

- Automatically stops accepting coins when there is no stock of products and displays “ No Stock” in LCD
- Product price are settable on-site with protected access to settings mode.
- Inbuilt self-test function for the dispensing motors.
- Smart acceptance feature enables the user to pay the product value by several combinations of coins. No excess value is accepted.
- Built-in Battery Backup is available as standard.

Enclosure:

- 1.6 mm MS - Powder Coated Metal enclosure.
- Vinyl branding sticker.
- Tamper proof secure Locks with tubular keys. No keyholes.
- Separate lock and key for the Coin box.
- Dimensions: 1450mm(H)x720mm(W)x210 mm (D)
- Weight: 30 Kgs (Approximately)

Ordering Information:

- **CVM-5C:** Five Selection Automatic Compact Vending Machine with Electronic Coin Validator and selection keys in front panel.
- Packed in Carton Box with thermocole buffer and wooden pallet for easy transportation.

Manufacturer



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