

# Technical Manual 



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## 1. Receiving your Machine

- Westomatic will deliver your machine and assist with the initial installation and training.
- Westomatic distribute the Easy 6000 on behalf of FAS International.
- Your machine will already be set up to your specifications taken from your order.
- When you receive your machine it's important that you check for any damage in transit - please report these directly to Westomatic HQ as soon as possible.
- The Easy 6000 is intended to deliver pre-chilled vendable food \& drink products at $5^{\circ} \mathrm{C}$ or lower.



## 2. External Features



## 3. Internal Features



## 4. Installation - Location

## IMPORTANT:

- The Easy 6000 must be installed on a surface suitable to hold over 300kgs.
- It should not be installed where pressure jets/water may be used.
- It it suitable for ambient temperatures ranging from $3^{\circ} \mathrm{C}$ to $32^{\circ} \mathrm{C}$.
- It is not suitable for external installation.
- The vending machine must be a minimum of 7 cm away from the wall for ventilation.
- Position the machine, adjust the 4 feet if necessary - the machine should be level on both planes.
- Mount the kick plate at the front.



## 5. Installation

## 2. LEVELLING

- Locate the machine on a stable, level surface.
- You will need 2 spanners - a 19 mm and 13 mm \& a spirit level.
- Incorrect levelling can lead to misalignment and drum rotation issues.

(2)

- Using the 13 mm spanner adjust the smaller nut (1) to the desired height.
- Once the foot is in the desired place - using the 19 mm spanner (2), lock the height of the foot by turning the larger nut.
- Repeat for all 4 feet - ensuring the machine is level through all planes.

(4)


## 5. Installation

## 3. FITTING THE FRONT PLINTH

- The Easy 6000 has a front plinth/kick plate which is packed up securely and supplied with the machine for delivery.
- Locate and level the machine into place before fitting the plinth.
- The screws will be pre-fitted - these need to be removed before fitting the plinth.



## 5. Installation

1. Remove the screws.
2. Fit front plinth in place.
3. Replace screws on both sides.


Remove screw


Remove screw


Replace screws $\times 2$


Plinth fitted on front

## 6. Commissioning

## 1.SETTING THE MACHINE UP

- Westomatic will set the machine up and fully test it before you receive it.
- Each machine comes set up to your drum specification (taken during the order process).
- If ordered - the machine will already be branded.
- The Easy 6000 is ready to be plugged in and filled.
- When first plugged in wait approx 12 hours for the machine to reach the operating temperature - below $+4^{\circ} \mathrm{C}$.
- NB. The machine is sold without a coin mechanism/ payment system - If you require a payment system we can set this up on the machine - but the contract will need to be maintained by the customer.



## 7. Product Filling / Refilling

## 1.GUIDELINES

- After the machine is switched on for the first time - wait 12 hours for the machine to reach the operating temperature.
- For refrigerated products this must be below $+4^{\circ} \mathrm{C}$.
- If the "refrigeration unit safety device" is tripped - any perishable products in the selections that are out of order must be removed - and the machine Health Control must be reset (with the machine door open - press and hold the blue shopper button.
- Wait for the machine to reach operating temperature before replacing products.
- The total door-open time must be no more than 15 minutes.



## 7. Product Filling / Refilling

## 2.NORMAL REFILLING

## Command 51

1. Open the door
2. Pull out one drawer at a time (as far as stop tab will permit)
3. Load products until all selections are filled.
4. All products must fit easily into compartments (modify compartment size if necessary).
5. Ensure no product is protruding from compartment that may cause jamming.
6. When you enter the drum number ( $1-8$ ) in the keypad, the drum rotates - pressing the corresponding drum number confirms it has been re-filled and will allow products to be sold.


## 7. Product Filling / Refilling

## 3.SMART REFILLING

## Command 51

The product filling date is sorted in this mode. The machine is therefore able to recognise an expired product. To operate this correctly - the date/time/no. of days to expiry MUST be entered (command 71-78).

1. Open the door
2. Press button 2 on main control board located above the coin mech access door - display will show "select drum to refill"
3. Close the door again - press selection button of the drum to refill. Vending machine will identify the empty compartment - or the one containing expired product. This compartment will move to the sales position and the delivery door will open to allow product to be inserted. Number of compartments needed to refill and price set appears on the display.
4. After loading the new product - press the blue shopper button to record the product in the compartment and set expiry time (after this time sale of this product will be inhibited). If no product is inserted, press the selection button to pass to next compartment. Continue until all compartments are filled. The vending machine will pass back to normal filling after analysing the drums.
5. When you refill a Fifo selection - every compartment must be reloaded in successive order without leaving gaps. If you do not have enough products to fill a Fifo - press the blue shopper button after loading the last product and then abandon refilling. Select the next drum to refill.

## 7. Product Filling / Refilling

## 4.PRODUCT SALES OPERATIONS

## After Filling:

- Ensure sale prices are set
- Ensure change tubes are filled
- Check the machine message - "Machine Ready - make a selection"
- Rotate the drums using the Shopper Button
- Ensure product is in sales position
- Check the cost of the product on the display
- Insert money / payment method
- Confirm choice of product - press selection button
- Retrieve product from compartment - opens automatically



## 8. Setting Prices/Discounts

## MUST BE DONE IN THE CORRECT ORDER:

1. Command 3 - Set prices for each drum
2. Command 4 - Set discounts for each drum
3. Command 2 - Set Clock and Timers for discount

## SETTING PRICES

## COMMAND 3:

1. Select Drum
2. Enter Price


## IF NO DISCOUNTS ARE NEEDED - YOU CAN EXIT HERE

## SETTING DISCOUNTS

## COMMAND 4:

1. Select Drum
2. Enter Discounted Selling Price


## 8. Setting Prices/Discounts

## COMMAND 2:

1. Set correct Date, Time \& Day
2.Display Clock? Y or N (ENTER)
2. Weekly Timers (2) 4.Discount Time Slots
3. Enable - 1
4. Select Day of Week using button 2 (ENTER) 7. Input Start time 8. Input End time 9. OPTIONS:

- Copy on the next day - copies the settings to the next day
- Copy on all days copies the settings to all days
- Modify this day allows you to change the current settings 10. ESC - save \& exit


Clock/Timers

| Date YYMMDD | 210513 |
| :--- | ---: |
| Time HHMM | 1558 |

Day of week
Thu


## 8



## 9. Ready?

CHECK LIST:
IMPORTANT TO ENSURE MACHINE IS READY TO DISPENSE:

MACHINE IN LOCATION \& LEVELLED
FRONT PLINTH FITTED
POWER ON - TEMP REACHED $+4^{\circ} \mathrm{C}$

COIN MECH FITTED?
COIN MECH FILLED?

CARD READER FITTED?
DRUMS CONFIGURED

SHOPPER BUTTON TEST


TEST DELIVERY DOOR

PRODUCTS LOADED
PRICES SET
SELL BY DATES?


ALLERGEN INFO CARDS FITTED
HEALTH CONTROL

## 10. Adjustments

## 1. DRUM REMOVAL

## To remove the drum from the drawer:

1. Open the main door of the Easy 6000 - disconnect the power supply by turning the main switch off.
2. Remove the drawer by pulling gently to overcome the positioning spring locking action.
3. Pull the drawer out as far as the stop permits.
4. Empty the drum of any products that are contained in it.
5. Remove the drum from its lodging
6. To remove the drawer as well - disconnect connector 'D' located on the left side inside the cabinet - lift the stops ' C ' on the sides and remove the drawer.

## To reposition the drum on the drawer:

1. Couple the "teeth" of the drum with the pulley sockets of the ratio motor "A".
2. Insert the centre pin of the drum in the drawer "B".


## 10. Adjustments

## 2. PRODUCT COMPARTMENTS

## To change the dimensions of the compartments:

1. The number of compartments can be varied by removing/adding dividers.
2. Options: 4, 6, 8, 12, 16, 24, 48.
3. To remove dividers - use 8 mm socket wrench for the rods 'A' - and undo screws 'C' with a Phillips screwdriver.
4. Keep nuts 'B' safe when removing rods/screws.
5. For the 4 compartment kit - contact Westomatic to purchase retro-fit kit.
6. Do NOT remove divider that contains the magnet.


## 10. Adjustments

## 3. POSSIBLE DIVIDER PLATE COMBINATIONS

## To change the dimensions of the compartments:

1. Options: $4,6,8,12,16,24,48$
2. Do NOT remove divider next to the magnet support (*)
3. The 4 compartment configuration requires a special retrofit kit - please contact Westomatic.


Useful dimensions of product compartment Spaces (mm):


| NUMBER OF <br> COMPART | A | B | H |
| :---: | :---: | :---: | :---: |
| 4 | 390 | 85 | 110 |
| 6 | 320 | 60 | 110 |
| 8 | 230 | 45 | 110 |
| 12 | 160 | 25 | 110 |
| 16 | 120 | 17 | 110 |
| 24 | 78 | 8 | 110 |
| 48 | 35 | 0 | 110 |

## 10. Adjustments

## 4. ADJUSTING OPENING OF THE DELIVERY DOORS

To change the delivery door opening:
After changing the dimensions of the compartments - the delivery door opening must be modified.

1. Power to the machine must be switched OFF.
2. The stop block can be adjusted - by removing a screw from the underside of the drum tray.
3. There are different positions for the different drum configurations as shown below:
4. Ensure in programming Command 71-78 you have set drum configurations.
5. Perform a reload procedure of all drums converted.


## 10. Adjustments

## 5. ADJUSTING BELT TENSION

If delivery doors do not close correctly - it may be necessary to check and tighten the toothed belt which moves delivery doors.

1. Power to the machine must be switched OFF.
2. Access the delivery door motors from the front of the machine (as shown below) using the door key
3. Remove the fastening split pin of the belt tightener - 'A' .
4. Move the split pin by one hole - direction as shown.
5.+ = tighten; - = loosen.
5. Open and close the delivery doors to check the adjustment is correct - COMMAND 1.


Access to
motors


## 11. Refrigeration

## 1. ACCESS THE REFRIGERATION UNIT

The Power boards, and the refrigeration unit are located at the bottom of the machine - To access:

1. Power to the machine must be switched OFF.
2. Open the door
3. Using a Phillips-head screwdriver - unscrew 1/4 turn to unlock the screws that fix the product retrieval cover and the cash box to the machine.
4. Remove both of these covers.
5. To remove the refrigeration unit - switch off power to the fridge and disconnect the power looms
6. Lower the 2 levers at each side of the evaporator - ensure gasket at the top edge is detached.
7. Slide the the refrigeration unit out.


WITH EFFECT FROM JAN 2022, ALL NEW FOOD VENDORS WILL BE SUPPLIED WITH ENVIRONMENTALLY FRIENDLY REFRIGERATION SYSTEMS THAT USE CO2 GAS. THESE MEET THE NEW REGULATIONS ESTABLISHED BY THE EUROPEAN UNION.

## 11. Refrigeration

## 2. REFRIGERATION MAINTENANCE

Once the Refrigeration unit has been removed from the machine, there are some maintenance tips to keep it functioning optimally: 1. Power to the machine must be switched OFF.
2. Hoover the refrigeration vents to remove any dust build up 3.Test the probes (Evaporator/Cab) - replace if necessary 4. Manually test the fan blades movement (Condenser/Tangential)


## Hoover Vents

Important to Suck air out


## Test Probes

TI/TE


## Check Fans

Spin Blades

## 12. Intelligent Health Control

## RESETTING THE HEALTH CONTROL

If the internal temperature rises above $+8^{\circ} \mathrm{C}$ for longer than 60 minutes a warning appears that must be reset before the Easy 6000 will vend again:

1. $\mathrm{TI}=$ Internal Temperature; TE = Evaporator Temperature.
2. With the door open press either the \# (ENTER) or the

Shopper Button to reset
3. If the issue persists consult Refrigeration maintenance.

HEALTH CONTROL


## Resetting

# Health Control 

KEEPS INTERNAL TEMP BELOW*

## 13. PCB Boards

ACCESSING THE BOARD


## 13. PCB Boards

## ACCESSING THE BOARD




## PCB:



Powerboard
(New Style 2016 onwards)
White 2 way connector on new board

PN: 1021751

## POWER SUPPLY UNIT



Remove Cash box and Cover


## 14. Cleaning Instructions

Ensure machine is switched OFF.
Do NOT use high pressure washers - or direct water jets.
Carefully clean the stainless steel and painted surfaces to avoid oxidation/damage - Do NOT use abrasive materials.
Do NOT use toxic detergents.
Do NOT use spray lubricants.

With Sanitising products: AT EACH RELOAD
1.Inside Cabinet.
2. Drum trays/drawers.
3. Display window.

## With Vacuum Cleaner: EVERY MONTH

1. Remove dirt/dust from condenser on fridge.
2. Ensure there is air gap between front and back of condenser.
3. Clean inside Cabinet.

Did Yau knoub?

## Our drams are dishwasher scfe!

## 15. Programming Procedure

## USING THE INTERNAL KEYPADS

$$
\begin{aligned}
& 1 \text { = SERVICE MODE } \\
& 2 \text { = SMART FILL }
\end{aligned}
$$



Use numbers 1 - 8 to rotate each drum

$$
\begin{aligned}
& 1=\text { TOP DRUM } \\
& 8=\text { BOTTOM DRUM }
\end{aligned}
$$

[^0]

## 16. Command Codes

| COMMANDS TOACCESS TOSUB-MENUS |  |  |
| :---: | :---: | :---: |
| \# 1 | MACHINETEST | ```Test delivery doors / drums + reset motors``` |
| \# 2 | DATE \& TIME | Enters sub-menu for setting the clock / daily timers/date |
| \# 3 | SETS PRICES | Price setting sub-menu / set drum prices / item prices |
| \# 4 | SETS PRICES | Discounted price setting sub-menu/set drum prices / item prices |
| \# 7 | AUDIT DISPLAY | Display of sales for full price selection |
| \# 8 | AUDIT DISPLAY | Display of sales for discounted price selection |
| \# 9 | AUDIT DISPLAY | Displays totals cashed not clear-able |
| \# 10 | AUDIT DISPLAY | Displays totals clear-able Can be cleared through \#92 |
| COMMANDS TO SET REFRIGERATION PARAMETERS |  |  |
| \# 41 | SETS CABINET TEMPERATURE | Preset Value is $+3^{\circ} \mathrm{C}$ |
| \# 43 | END DEFROSTING TEMP SETTINGS | Preset Value is $+5^{\circ} \mathrm{C} /$ Drip Time $=300$ |
| \# 44 | SETS DEFROST CYCLEFREQUENCY | Preset Value is 3 Hours |
| \#45 | SETS CUT-OUT DURATION FOR SAFETY | Preset Value is 60 minutes |
| \# 46 | SETS TRIGGER TEMP FOR SAFETY | Preset Value is $+8^{\circ} \mathrm{C}$ |

## 16. Command Codes




## SET TO 5 FOR MBD

(SET \#69 TO VALUE 5-SWITCH OFF MACHINE - SWITCH ON AND PAYMENT SYSTEMS COMMUNICATES WITH MACHINE)

$$
4,6,8,12,16,24,48
$$

## 17. Error Codes

## ERROR CODE MEANING

| 01 | DOOR NUMBER | Door does not open during sale |
| :---: | :---: | :---: |
| 02 | DOOR NUMBER | Door does not close (only command 01 Machine test) |
| 03 | DRUM NUMBER | Column tries to rotate drum with door open |
| 05 | DRUM NUMBER | Drum position time out |
| 07 | DRUM NUMBER | Column does not reach zero position |
| 08 | DRUM NUMBER | No drum encoder pulses |
| 10 |  | Internal temp probe defective |
| 11 |  | Evaporator probe defective |
| 16 |  | Communication with power board blocked |
| 20 |  | Delivery door not controllable |
| 21 |  | Incorrect position parameter |
| 25 | DOOR NUMBER | Door does not open during reloading |
| 26 | DOOR NUMBER | Door does not close during reloading |

## 17. Error Codes

## ERROR CODE MEANING

| 29 | DRUM NUMBER | Powerboard reset or the drum control |
| :---: | :---: | :---: |
| card |  |  |

## RESET HEALTH CONTROL

this should only be reset if you are sure that the fridge unit is working CORRECTLY!!
The cut-out duration for the refrigeration safety devices preset value is 60 minutes. If the fridge has not chilled down to below $+8^{\circ} \mathrm{C}$ in 60 minutes then the Easy 6000 will go out with HEALTH CONTROL

TO RESET: Open Main door and press and hold the Blue Shopper Button

# 18. Setting Payment Systems 

## 1. SETTING UP COIN MECH

- The coin mechanism must be connected and disconnected with the machine turned off.
- The connectors required to connect the coin mechanism are located next to the main board.


To fit the coin mech:

1. Slacken the pre-fitted screws as shown.
2.The coin mech is located next to the main board.
2. Place the coin mech into place - secure by tightening the screws.

# 18. Setting Payment Systems 

## 1. SETTING UP COIN MECH



To fit the coin mech:

1. Replace the mechanism and ensure the coin chute is correctly positioned.
2. Make sure the yellow clip is clicked into place.
3. Replace the coin cassette.

To connect coin mech:

1. Switch off the machine
2. Connect the mechanism to the machine.
3. If there is a card reader fitted use the splitter.
4. Finally check the mech lines up with the coin chutes, and that the machine connects up.

## 18. Setting Payment Systems

## 2. FILLING THE COIN MECH

- Example used shows MEI/CPI Coin Mechanism
- The coin mechanism must be connected and disconnected with the machine turned off.
- When the coin mech is connected to the machine, its very simple to fill.


To fill the coin mech:

1. Push up the clip to remove the coin cassette
2. Coin mech alerts you that the cassette is out .
3. Check coin mech for any blockages.
4. Fill coin mech with required amount.
5. Replace cassette back into mech.
6. The coin mech automatically counts and sets fill quantity.
7. Press the yellow button twice to clear any
 blockages.

# 18. Setting Payment Systems 

## 4. FITTING A CARD READER

- The Easy 6000 is compatible with a wide range of card readers - this example uses a Nayax.
- The card reader automatically detects the coin mech when plugged in.


To fit a card reader:

1. Locate and remove the blanking plate.
2. The nuts are located on the inside of the door above the main board.


# 18. Setting Payment Systems 

## 4. FITTING A CARD READER



To fit a card reader:

1. Fit the reader to the machine (the reader fits from inside the machine) - \& replace the nuts.
2. Plug the cable into the reader, and the machine - use the splitter if a coin mech is fitted.


## 18. Setting Payment Systems

## 4. FITTING A CARD READER



To fit a card reader:

1. Plug aerial in and find a spot to attach it - it may need moving until you find a signal.
2. Set the reader to the machine
3. Enter Service mode - Press Button 1
4. Using the internal keypad - Follow the below...

\# = Enter * = Back


Scroll to MDB \#


Scroll to Max Change $\mathbf{E}^{2} 10$ \#

# 18. Setting Payment Systems 

## 5. USE OF PAYMENT SYSTEMS MDB

The coin mechanism must be connected and disconnected with the machine turned off. Connect payment system, and switch on machine - enter programming and set Command 69 and program to value 5 . Then switch off the machine for approx 30 seconds. Switch on again and the payment system will communicate.

## Command 27: Setting the signal for payment system out of order <br> If the command is set at 1 - when connection is interrupted - the machine goes out of order and message appears on the display to alert of this. If the command is set at 0 - the option is disabled.

Command 28: Select change giving tube content counter This command allows the user to select whether to use the counters corresponding to the content of the coin mech change giving tube or the counters inside the machine. If command set to 1 - at each power-up the counters insode the machine areupdated with the values transmitted by the coin mechanism. If command is set at 0 - the values transmitted are ignored.

## Command 29: Cashless credit cannot be displayed

Command allows user to prevent or enable display of credit from the MDB cashless device /card reader. If command is set to 1 - the credit corresponding to the cashless device is not displayed. If command is set to 0 - machine displays the credit available on the cashless device.

# 18. Setting Payment Systems 

## Command 30: Purchase obligation before return

By setting this command to 1 the customer is obliged to purchase before receiving back the return - this avoids using the coin mech as a coin changer.

Command 31: Setting Max card or cash credit accepted The max credit accepted by the coin mech by either key/card or cash is set - if this amount is exceeded - no more coins or notes are accepted. Recommended value is $£ 10.00$.

## Command 32: Minimum coin level in tubes

The minimum number of coins which must remain in each tube for it to work. This is setting is fundamental for correct coin management by the machine.

## Command 33: Disabling single coins/banknotes

Command allows you to perform 2 adjustments:
1 - Block acceptance of particular coins by coin mech
2 - Block acceptance of particular banknotes by the reader

Command 34: Inhibits coin inhibition with exact amount
Command blocks the acceptance of certain coins when coin levels are low - i.e when the display reads "Insert Exact Amount"

# 18. Setting Payment Systems 

Command 35: Resetting coin meters in change giving tubes Use this command when replacing token meter/emptying the change tubes with machine off to synchronise with content of change tubes.
Command 35 - press ENTER - display views
Code 0000 - enter 6203 - press ENTER

Command 36: Condition exact amount (no coins available for change)
This command is for setting the number of coins below which the machine will say "no coins available for change". The set value must always account for the coin minimum in tubes. The tubes that are not included in this condition must be set at "0". When the contents drop below the minimum - the machine displays a warning there are no coins available for change.

Command 37: Inhibits note validator during exact amount Setting this command to 1 during exact amount will inhibit the note validator. If only note validator installed - command has to be set to 0 .

## Command 38: Emptying change giving tubes

This command is used to inventory the coins in the tubes of the coin mechanism:
Command 38 - press ENTER - display views
Tube no. 00 - Enter 1 and press ENTER
Coin mech gives out coins from chosen tube until stop pressing ENTER.

# 18. Setting Payment Systems 

Command 39: Filling in of the change giving tubes Important - if procedure is not correctly carried out - the wrong values can be found in command 09-10.

Proceed as follows:
Command 39 and press ENTER
Enter the coin mechanism Fill Mode (this will vary dependent on the coin mech type you are using).
Insert coins into the coin mechanism
Press ENTER

# 18. Setting Payment Systems 

## 6. ADD A MESSAGE TO THE CARD READER

| CODE | CHARACTER | CODE | CHARACTER | CODE | CHARACTER |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 00 | Cursor ahed | 28 | E | 56 | g |
| 01 | Cursor back | 29 | F | 57 | h |
| 02 | space | 30 | G | 58 | 1 |
| 03 | ! | 31 | H | 59 | J |
| 04 | ' | 32 | I | 60 | k |
| 05 | \# | 33 | $J$ | 61 | 1 |
| 06 | \$ | 34 | K | 62 | m |
| 07 | , | 35 | L | 63 | n |
| 08 | , | 36 | M | 64 | 0 |
| 09 | - | 37 | N | 65 | p |
| 10 | . | 38 | 0 | 66 | q |
| 11 | 1 | 39 | P | 67 | $r$ |
| 12 | 0 | 40 | Q | 68 | S |
| 13 | 1 | 41 | R | 69 | t |
| 14 | 2 | 42 | S | 70 | u |
| 15 | 3 | 43 | T | 71 | V |
| 16 | 4 | 44 | U | 72 | w |
| 17 | 5 | 45 | V | 73 | x |
| 18 | 6 | 46 | W | 74 | y |
| 19 | 7 | 47 | X | 75 | z |
| 20 | 8 | 48 | Y | 76 | å |
| 21 | 9 | 49 | Z | 77 | $\emptyset$ |
| 22 | : | 50 | a | 78 | æ |
| 23 | ; | 51 | b | 79 | ä |
| 24 | A | 52 | c | 80 | Ö |
| 25 | B | 53 | d | 81 | ü |
| 26 | C | 54 | e | 82 | - |
| 27 | D | 55 | f |  |  |

Its possible to add a personal message to the LCD Screen:

1. Enter Service mode 1.
2. Command 95 - then use the internal keypad to enter your message (use the above table for a reference).
3. Our WVS message for example.
4. Ensure you save before you exit.

(Use \# to save and * to exit out)

# 19. Command Codes EXPLANED 

## COMMANDS TO ACCESS TO SUB-MENUS

## Command 1: Machine Test

There are 3 options.
Test 1 - consists of opening \& closing the delivery doors in sequence followed by rotation of the drums where applicable. The test will stop as soon as an operating anomaly is detected and the corresponding error code will appear on the display. Test 2 - tests opening / closing of the delivery doors manually by means of selection buttons.
Test 3 - allows testing of distance between zero position sensor and magnets of all 8 drums.

Command 2: Submenu for setting the clock and daily timers Key in 02, press ENTER, Alarm 00 will appear on the display, follow the on screen instructions.

## Command 3: Setting the prices

Enter the number of the drum in which you want to change the price and press ENTER. The price appears on the display. Enter the new value and press ENTER to save it or ESC to return to menu without changes.
Programming the value of the full prices changes the value of the corresponding discounted price and equals them.
Therefore, if you sell at differentiated prices, you must first program the full price and then the discounted price and never vice-versa.

## MULTIPRICE:

If Command 58 is set -2 or 3 prices per drum, the machine works by price line.
When you set 2 or 3 prices per drum, each drum will be divided into 2 or 3 equal sections. Products sold at 2 or 3 different prices can be inserted into the same drum. The table shows each drum compartment and the corresponding price line:

|  | SECTION 1 <br> Price no. | SECTION 2 <br> Price No. | SECTION 3 <br> Price No. |
| :--- | :---: | :---: | :---: |
| DRUM 1 | 1 | 9 | 17 |
| DRUM 2 | 2 | 10 | 18 |
| DRUM 3 | 3 | 11 | 19 |
| DRUM 4 | 4 | 12 | 20 |
| DRUM 5 | 5 | 13 | 21 |
| DRUM 6 | 6 | 14 | 22 |
| DRUM 7 | 7 | 15 | 23 |
| DRUM 8 | 8 | 16 | 24 |

If the drum is divided into 2 sections, consult the first 2 columns for the prices, and if it's divided into 3 sections, all 3 columns.

## Command 4: Discount Price Setting submenu

The same functions as Command 3 except that it sets discounted prices.

## Command 7: Display sales per full price selection

With this command you can access the submenu for displaying the number of sales per section at the full price.

## 19. Command Codes EXPLANED

"Drum Number 00" will appear on the display. Enter the code for the selection you want to know the sales figures for and press ENTER. By pressing ESC you return to the submenu to select another selection. Pressing ESC a second time returns to the main menu.

## MULTIPRICE:

If command 58 is set at $2 / 3$ prices per drum, follow this procedure:
For example to display the number of sales made at price 19 (section 3 of drum 3)
1 - Programming mode - Command 00
2 - Enter 7 and press ENTER - display shows Price number 00
3 - Enter 19 and press ENTER - display shows the deired value Number sales 0000
4 - Press ENTER - display will show Price number 00

Command 8: Display sales per discounted price selection This is like command 7 but you enter the submenu for displaying sales at the discounted price.

## Command 9: Displays totals cashed not clearable

This command displays the total transactions from the when the machine was set up. Data available: Sales/Cash/Free Vend etc

## Command 10: Displays totals clearable

Same function as Command 9 - but can be cleared through Command 92.

## COMMANDS TO SET REFRIGERATION PARAMETERS

Command 41: Sets cabinet temperature
Sets the lower internal cabinet temperature. The preset value is $+3^{\circ} \mathrm{C}$. This value can be varied between +2 and $+25^{\circ} \mathrm{C}$.

## Command 43: End defrosting temperature setting

This command allows the evaporator temp to be set, so after it has defrosted, it will restart operating. This ensures complete deforsting of the evaporator itself. The command is preset to $+5^{\circ} \mathrm{C}$.

## Command 44: Sets defrost cycle frequency

This command sets the interval between defrost cycles expressed in hours. Value can be varied from 1 h and 8 h - preset at 3 h .

## Command 45: Setting the cut-out duration for the refrigeration safety device

This command sets the amount of time that the refrigeration safety device is to remain disabled. This period of time prevents the vending machine from shutting down following an operation that involves having the door open. The delay allows the machine to return to normal operating temp. The preset value is 60 mins - but can be varied from 30-360 mins.

## Command 46: Setting the safety temperature

 Setting the temperature the safety device trips at - the temp
## 19. Command Codes EXPLANED

above which the vending machine goes out of service - will show a warning message. This control is inhibited when turned on and after closing the door for the time set in Command 45. The preset value is $+8^{\circ} \mathrm{C}$ but can vary from $+8^{\circ} \mathrm{C}$ to $+25^{\circ} \mathrm{C}$. To reset the fridge safety device - with the door open, the vending mchine display shows that the device has tripped. Reset by pressing ENTER on the keypad. If you press ESC or close the door - the intervation remains and record as ERROR 93.

## COMMANDS TO SET MACHINE PARAMETERS

Command 50: Setting the delivery door speed and drum operation parameters
This command allows you to change the operating speed of the delivery doors. The value is expressed as a percentage of the maximum speed and can vary from $40-95 \%$. It is preset at 60\%. It is also possible to carry out drum positioning tests.

## Command 51: Setting the refilling mode

Refilling modes:
0 - FAST Refilling - completely refilling the machine - carried out by opening and closing the door.
1 - NORMAL Refilling - by drum. Enter drum number and fill must be done with door open.
2 - SMART Refilling - used when products are sold by sell-by dates. This is carried out with the door closed, and filling occurs through the delivery doors.

## 19. Command Codes EXPLANED

Command 54: Setting the delivery door opening time This command makes it possible to set the time the delivery door stays open - preset to 5 seconds - can vary from 1 to 60 seconds.

## Command 55: Programming the product expiry time

 It is possible to program the time, in reference to the expiry day. Enter the exact value in hours and minutes and press ENTER to save it.
## Command 58: Price Configuration

Can divide the drum into $1 / 2$ or 3 different price bands.
1 PRICE - value to set is 1 which corresponds to associating prices 1-8 to drums 1-8.
2 PRICES - the value to set is 2 . Every drum is divided into 2 halves - different prices can correspond. First half = prices 1-8 /Second half = prices 9-16.
3 PRICES - the value to set is 3 . Every drum is divided into 3 sections, each is a different price. Section $1=$ prices 1-8 / Section 2 = prices 9-16 / Section 3 = 17-24.

Command 59: Option for access to all compartments Only effective during smart refilling. If "0" is set - the machine presents all the empty compartments. If "1" is set - the machine makes all the compartments available to the filler.

## 19. Command Codes EXPLANED

## Command 63: Set the mono/multivend

If command is set to 0 - the machine operates in single-vend mode, and in cash mode the surplus credit is returned. If the command is set to 1 - the machine operates in multivend mode and the amount which exceeds the cost, after sale, is displayed once again and can be recovered by simply pressing the coin return button or used for a new selection.

## Command 64: Sets the message display language

Controls the language for the message displays
0= Italian; 1 = English; 2 = French; 3 = German; 4 = Dutch;
5 = Swedish; 6 = Finnish; 7 = Spanish; 8 = Portuguese;
9 = Danish; 10 = Norwegian

## Command 65: Displaying optional messages

This is for modifying the message displayed by the machine when the selection is made.

## Commands 66+67: Internal Temperature and Evaporator Temperature display

The value set at these commands determines the information shown on the second line of the display. As a default the clock is displayed.

| Command 66 | Command 67 | Displayed Value |
| :--- | :--- | :--- |
| 0 | 0 | Displays Clock |
| 1 | 0 | Displays internal temperature |
| 0 | 1 | Displays internal temperature + evaporator temperature |
| 1 | 1 | Displays clock + internal temperature |

## 19. Command Codes EXPLANED

## Command 80: Cloning

This command makes it possible to transfer all parameters of the machine to a "USB" so other machines can be set up to the same specification. DO NOT enter the USB stick before entering the programming mode. when you enter the command "Write Clone Key" appears on the display - then enter the USB stick and press ENTER.

## Command 90: Select AUDIT protocol

Through this command it is possible to choose the mode of data sent to the jack RS232. There are 3 levels:
LEVEL 1 - Totals regarding the transactions.
LEVEL 2 - Totals regarding the transactions of level 1; plus sales per each selection.
LEVEL 3 - Totals regarding the transactions in level 1; data regarding the last 5 power on/off; data regarding the error events.

## Command 92: Clear Sales Data

Used to clear the machine's sales data. A special access code must be entered for this operation. When you enter Command 92, Code 0000 appears on the display, Type 1221 and press ENTER, "Clear Data?" appears on the display. Press ENTER to clear all the sales data / ESC to return to main menu without saving changes.

Command 93: Displaying Temp pattern for the last 24 hours The values are recorded at 15 min intervals, starting with furthest back in time. After clock programming - all data are reset.

## 19. Command Codes EXPLANED

## Command 94: Displays the last 10 power-offs

This command displays the last 10 periods in which the machine has switched off.

## Command 95: Enter user message

Makes it possible to enable and enter to editable messages (See section 8 for details)

## Command 99: View Error Events

This command displays the last 20 error events, press ENTER to scroll through. When you reach the end of the list the machine gives you the option clear all the records - ENTER to confirm/ESC to leave data.

| ERROR CODE | SUB-CODE |  |
| :---: | :---: | :--- |
| 01 | Door No. | Door does not open during sale |
| 02 | Door No. | Door does not close (only Command 01 - Machine Test) |
| 03 | Drum No. | Column tries to rotate drum with door open |
| 05 | Drum No. | Drum position time out |
| 07 | Drum No. | Column does not reach zero position |
| 08 | Drum No. | No drum encoder pulses |
| 10 | $/$ | Internal temperature probe defective |
| 11 | $/$ | Evaporator probe defective |
| 16 | $/$ | Communication with power board blocked |
| 20 | $/$ | Delivery door not controllable |
| 21 | $/$ | Incorrect position parameter |
| 25 | Door No. | Door does not open during reloading |
| 26 | Door No. | Door does not close during reloading |
| 29 | Drum No. | Power board reset or the drum control card |
| 30 | $/$ | Fridge safety intervention |

## 19. Command Codes EXPLANED

## COMMANDS MBD COIN SYSTEMS AND DRUM SET UP

## Command 69: Chooses functioning mode of coin

 mechanismThis command chooses the type and mode of functioning of the coin mechanism.0 = System EXECUTIVE with prices controlled in the machine 1 = System EXECUTIVE in PRICE HOLDING mode (i.e. prices programmed in the coin mechanism). In this case, the prices programmed at Command 03 and those programmed in the coin mechanism must be the same. Alternatively you can set the "Price-Display" parameter - the machine will utilise exclusively the information on the price value from the payment system, simply set only Command 05.
4 = System BDV 001
5 = Payment System MDB - Default Setting

## Command 71-80: Drum parameters

These commands are for setting up the number of compartments set for the selected drum. For example enter Command 71 (this corresponds to drum 1), "Compartment No. XX" is displayed and shows the number of compartments set for this drum. The values are: $4,6,8,12,16,24,48$. Press ENTER to confirm. The the machine will give the functioning mode "Fifo/shopper X". If value 0 - drum is set in shopper mode / If value 1 - drum is set in Fifo mode - products only available for sale in order they were loaded. Confirm ENTER. Then "Expiry days YY" - YY indicates the shelf life of the products loaded in the selection starting from the preceding midnight - only operative in "Intelligent Reload" mode.

## 19. Command Codes EXPLANED

The sale of products that have not been sold within the programmed date is blocked.
For example: to programme drum 5 with 16 compartments in shopper mode for products with a 7 day expiry period:

Command 75
ENTER button to display of no. of compartments
Compartment No. NN
Key in 16 and press ENTER
Fifo/Shopper X
Key in 0 and press ENTER
Expiry days YY
Key in 7 and press ENTER.

## 20. Spare Parts

## USEFUL SPARE PARTS

| DESCRIPTION | PART NUMBER |
| :---: | :---: |
| LOCK DOOR PROGRAMMABLE | 1021186 |
| KEY FA100A | 1021185 |
| KEY AJ735Q | 1034011 |
| LOCK DOOR PROGRAMMABLE | 1021709 |
| KEY FA101A | 1021699 |
| KEY AAAOHS | 1034016 |
| KEY FA200A | 1034030 |
| KEY FAS210215 - Payment System/Main Board Door | FAS210215 |
| ELECTRONIC LCD DISPLAY | 1021103 |
| BOARD WITH LED | 1021149 |
| POWERBOARD (OLD STYLE PRE 2016) | 1021111 |
| POWERBOARD (NEW STYLE) | 1021751 |
| DRUM CONTROL PCB | 1021145 |
| GRAPHIC DISPLAY WITH BOARD | 1021523 |
| PCB MAIN BOARD (OLD STYLE PRE 2016) | 1021134 |
| PCB MAIN BOARD (NEW STYLE) - with USB Sockets | 1021729 |
| DRUM DIVIDER ROD/SCREW | 1021173 |
| DRUM DIVIDER | 1021382 |
| PUSH BUTTON - PRODUCT SELECT | 1021260 |
| DRUM GEAR MOTOR | 1021293 |
| DOOR GEAR MOTOR | 1021525 |
| DOOR SWITCH | 1021322 |
| TEMPERATURE PROBE | 1021324 |
| DRIP TRAY | 1021361 |
| PRODUCT STOPS - COMPARTMENT | 1021384 |
| TANGENTIAL FAN | 1021389 |
| MOTOR CONDENSOR FAN | 1021391 |
| DOOR TIMING BELT | 1021437 |
| HALLWAY EFFECT SENSOR | 1021509 |
| FOOT - WITH ANTISLIP BASE | 1021524 |
| SHOPPER BUTTON | 1021539 |
| WIRING HARNESS | 1021710 |
| FAN BLADE 230mm - CONDENSOR | 1021722 |
| DRUM MAGNET | 1021779 |
| DEX LOOM | 1035128 |

## Liability \& Warranty

## LIABILITY

- All details and indications for the operation, maintenance and cleaning of this Easy 6000 food vendor have been made under consideration of our knowledge and experiences collected up to now.
- Westomatic Vending Services Ltd. on behalf of FAS International, reserves the right to make technical changes to this machine type without notice as a result of continuous product development.
- Text translations are made to the best of Westomatic Vending Services Ltd.'s knowledge. However, we exclude any liability for translation errors. The English version of the operation instructions shall prevail for warranty purposes.
- It is advised that the user manual instructions must be carefully read before machine installation or operation is started. Westomatic Vending Services Ltd. does not bear any liability for any damages or disturbances resulting from non-observance of the User Manual or Operator Instructions.
- It is strictly forbidden to make this user manual or the operator instructions accessible to any third party. Non-observance will result in a claim for damages.


## SPARE PARTS

- Only genuine, original FAS International parts supplied from Westomatic Vending Services Ltd. should be used when servicing the machine.
- Part Sales telephone: +44 (0) $\mathbf{1 6 2 6} \mathbf{3 2 3 1 0 0}$ or email support@westomatic.com


## ATTENTION!

Faulty or defective non-FAS parts (supplied by Westomatic) may lead to incorrect machine operation or damage. In the case where non- FAS parts (supplied by Westomatic) are used, all obligations of Westomatic Vending Services Ltd. such as warranties, service contracts etc. are void without prior notice \& agreement.

## WARRANTY

- A THREE YEAR warranty on parts only is offered on new, free-standing machines, from the date of invoice, subject to our warranty procedures having been followed.
- This EXCLUDES all plastic \& all other parts with a sales value of less than $£ 15$.
- All parts claimed under our Warranty Terms must be returned to our Head Office - Units 7-8 Block 4 Forde Court, Forde Road, Newton Abbot, Devon, TQ12 4BT - for Repair / Replacement or Credit at our discretion within 30 DAYS of notifying us of a claim.
- A FIVE YEAR warranty is offered as standard for companies who have achieved Westomatic Diamond Distributor status.


## Technical Specifications

## MACHINE SPECIFICATIONS

## GENERAL: WEIGHT:

DIMENSIONS:
NOISE:

ELECTRICAL:
Voltage:
CURRENT:
POWER:
FREQUENCY:

DELIVERY DOORS: 8
MAX WEIGHT PER DRUM:
VENDING MODE:

REFRIGERANT TYPE:
REFRIGERANT QUANTITY: 430g
COMPRESSION:
RATED PRESSURE AT $32^{\circ}$ :

R134a

```
315 kg
(H) \(1830 \times(\mathrm{W}) 910 \times(\mathrm{D}) 795 \mathrm{~mm} / 1670\) (inc Door open) 70dB (will not exceed)
```

240 Volts AC
12
0.7 Kilowatts

50 Hz

8
9kg
FIFO / SHOPPER CLASS N
15 Bar

With effect from Jan 2022, all new food vendors will be supplied with environmentally friendly refrigeration systems that use cO2 gas. These meet the new regulations established by the European Union.

MAX ENVIRONMENTAL TEMP: $32^{\circ} \mathrm{C}$
AMBIENT:
MIN ENVIRONMENTAL TEMP: $3^{\circ}$
RELATIVE HUMIDITY: 65\%

## Certification

(EC Machinery Directive 89/392/EEC) as amended...
Declaration of Conformity
This is to certify that the:

## EASY 6000 Food Vendor

## Comprising the following models.

Payment System
Non-Payment System

## Manufactured by:

Westomatic Vending Services Ltd, Units 7-8 Block 4 Forde Court, Forde Road, Brunel Industrial Estate, Newton Abbot, Devon, TQ12 4BT
Tel. 01626323100 - Fax 01626332828
Conforms to the protection requirements of council Low Voltage Directive 73/23/EEC as amended 93/68/EEC relating to Electromagnetic Compatibility, by application of:

## EMC Test Standards:

## EN 55014-1:2000 + A1:2001 + A2:2002:

Conducted emissions ( $0.15 \mathrm{MHz}-30 \mathrm{MHz}$ )
Discontinuous conducted emissions Disturbance Power ( $30 \mathrm{MHz}-300 \mathrm{MHz}$ )
EN 55014-2:1997 + A1:2001 (Category II)
ESD,EFT/Bursts , Surges ,Conducted immunity ( $0.15 \mathrm{MHz}-230 \mathrm{MHz}$ ), Dips and interruptions
EN 61000-3-2:2000
Mains harmonics
EN 61000-3-3:1995 + A1:2001
Voltage fluctuations

## EMF Test Standards:

## EN 50366:2003

Electromagnetic fields.

## Electrical Safety Test Standards:

EN 60335-1:2002 + A1:2004 + A11:2004 + A12:2006
Household and similar electrical appliances - Safety - Part 1 - General requirements
EN 60335-2-75:2004 + A1:2005
Household and similar electrical appliances - Safety - Part 2-75-Particular requirements for commercial dispensing appliances and vending machines
Supplementary Information
[A]: Included mains filtering.
[B ] : Product to be installed in accordance with manufactured instructions.
[C ] : Class of protection against electrical shock. : Class I
I, the undersigned, hereby declare that the equipment specified above conforms to the above Directive and Standards. For and on behalf of Westomatic Vending Services, March 2008.



[^0]:    Useful for filling, cleaning and maintaining

