

Pulse

USER MANUAL



UM_EN
MB27A
05/2018
Original Instructions

EXPOBAR®

NOTIFICATIONS	3
Introduction	4
Warnings	4
Precautions	5
Intended use	6
OVERVIEW OF COMPONENTS	8
DIMENSION SKETCH	
INSTALLATION AND START-UP	9
Positioning	9
Electrical connection	9
Starting the grinder	10
OPERATION	11
Grinder fineness adjustment	11
Spout orientation adjustment dispensing	11
Filter holder fork height adjustment	12
Maintenance of the grinder	12
CLEANING AND CARE	12
Daily cleaning - clean the dispensing spout	13
Weekly cleaning - bean hopper	13
Weekly cleaning - clean with Grindz	14
PROGRAMMING	15
Grinder setting	15
Appliance switch-on	15
Dose dispensing and setting (display)	15
“Manual Mode” dispensing mode activation	16
Resetting dose counters	16
Function block	16
Enter service menu	16



Important:

Alerts against unsafe practices. Observe to ensure drink quality, machine performance, food safety, to prevent minor personal injury or damage to the machine.



WARNING!

Indicates a potentially hazardous situation which, if not avoided, could result in scalding, serious injury and even death.



DANGER!

Indicates a imminently hazardous situation which, if not avoided, will result in serious injury and even death.



Note:

Gives additional information which may be helpful during the cleaning procedure or operation of the machine.

Introduction

Thank you for choosing the EXPOBAR Pulse
We hope you enjoy it!

- Read the user manual before using the machine.
- This guide contains important instructions for using the grinder correctly and safely.
- Always keep this manual close at hand for future reference.
- This guide must be looked after with care for the entire working life of the coffee grinder.
- This guide reflects the current state of the grinder technology and shall not be considered obsolete solely because update at a later date on the basis of acquired experience. The manufacturer reserves the right to make modifications to this manual with no obligation to update previous version (except in exceptional cases).

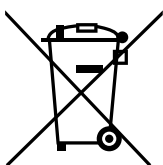
Warnings

- Never touch the machine with damp or wet hands.
- Never use the machine when barefoot.
- Never attempt to unplug the machine by pulling the power cord or the machine itself.
- Do not use the machine outdoors so it can be exposed to weather (rain, snow, frost). It will cause material damage to the machine.
- The appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety.
- Always use the appliance on a flat, steady surface that is able to support its weight.
- Always unplug the machine from the power supply before performing any cleaning or maintenance operations.
- Do not use water jets or non-suitable detergents for cleaning.
- In the case of machine breakdown or malfunction switch the machine off and do not tamper with it.
- For repairs contact an authorized service center and request the use of original spare parts.
- Not observing of the above precautions may make the machine unsafe for future use.
- Do not leave the machine switched on when it is not in use. Unplug the machine when not in use.
- Do not obstruct the ventilation and/or heat dissipation openings and/or slits nor introduce water or any other liquids into same.

- Never insert spoons, forks or other utensils into the pouring lip, or into the hopper for any reason whatsoever while the appliance is operating.
- Always switch off the appliance before removing blockages from the pouring lip.
- Never immerse the machine, plug or mains cable in water or another liquid.
- Should a foreign object stop the motor, switch the machine off immediately and contact an authorized service center.

Precautions

- Always handle the machine with care to avoid the risk of machine failure.
- The packing materials (carton, cellophane, staples, polystyrene, etc..) can cut, wound or create hazards if used improperly or handled carelessly. Store such materials out of reach of children and persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge.
- This symbol on the appliance or package means that the appliance must not be considered as normal household refuse. It must be handed over to an appropriate collection centre for recycling of electric and electronic appliances. Make sure that this appliance is disposed of correctly and you will be making your contribution to the prevention of negative health effects and harm to the environment. Recycling materials helps to preserve our natural resources. For more information about how to recycle this product, you can contact your local council office, local refuse disposal service or the retailer from whom you purchased the appliance.
- Before carrying out any installation or adjustment work, make sure to read and thoroughly understand the warnings in this manual.
- The company cannot be held liable for any damage to people or property resulting from failure to respect the instructions concerning safety, installation and maintenance enclosed in this manual.
- If the power cord of this appliance is damaged, switch off the appliance and contact a professional and qualified technician for having it replaced.
- Should you decide to no longer use this appliance, we recommend that you make it inoperative by unplugging the appliance from the mains socket and cut off the power cord.
- All defects and/or abnormal machine behaviour shall be reported immediately to an authorized installation and/or maintenance technician.



- Before connecting the machine, check that the electrical power supply corresponds to the specifications on the data plate.
- Should the machine plug not be compatible with your socket, have the plug replaced with a suitable type by a qualified technician, who should also check that the power outlet is suitable for the machine power requirements.
- Avoid the use of multiple-plug adapters and extension cords.
- The ground wire must be connected; the electrical system must meet the standards set by local safety laws and regulations.
- The machine must be installed by authorized and qualified personnel.
- Check that the machine components have suffered no damage during shipping. In the case defects or abnormalities are found, abort the installation and request a replacement.

Intended use

- This grinder dispenser has been designed for professional use by trained personnel.
- The grinder/dispenser must be used only for the application for which it was designed; that is, grinding roasted coffee beans. Any other use are considered improper and potentially dangerous.
- The manufacturer shall not be held responsible for damages deriving from improper or erroneous use of the machine.
- The appliance must not be used by children or people with reduced, physical, sensorial or mental abilities. It must also never be used by people without the necessary skills and experience unless under supervision or during training.
Do not allow children to play with this equipment at any time.
- The machine is not designed for use in environmental conditions outside the -5 °C to +40 °C range.
- The user must respect the general safety regulations in force in the country in which the machine is installed and shall be responsible for ensuring that periodic machine maintenance is correctly done.
- The persons installing and using the machine and doing machine maintenance shall inform the manufacturer of any defects or damages due to wear that might jeopardize the original safety features of the machine.
- The installer shall be responsible for checking that the machine is installed and operated in a suitable environmental condition thus not creating health or safety hazards for those using the machine.

- Any responsibility deriving from components manufactured and installed on the machine shall be assumed by the respective manufacturers; responsibility attributable to the persons authorized to use the machine shall be assumed by the customer.
- The machine is designed for 24-hour intermittent service. The machine components are designed and built to ensure at least 1000 hours' operation.
- Good cleaning and maintenance also contribute to ensure long machine life.



Note.

Machines with the “EL MOTOR WITH THERMAL PROTECTION” sign are equipped with a device which protects the motor from overheating.

When this device is activated, do not attempt to operate the machine: isolate the machine from the power supply and eliminate the cause of the problem before re-starting.

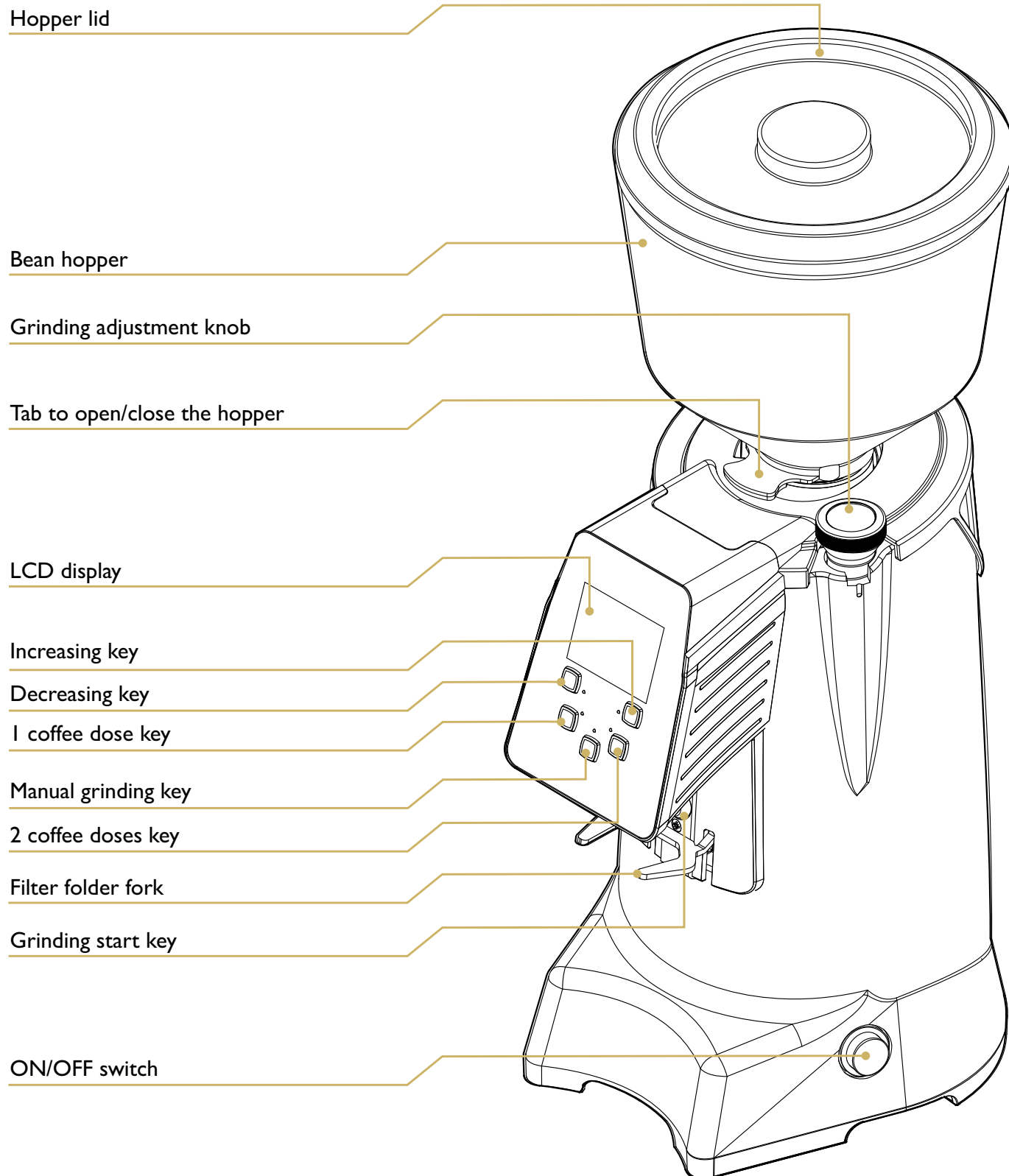
DESCRIPTION	PULSE 65		PULSE 75 HIGH SPEED	
Voltage (V)	220/240	110/120	220/240	110/120
Frequency (Hz)	50/60	60	50/60	60
Current (A)	--	4	--	6,2
Power consumption (W)	350		900	
Motor power (W)*	246		250	
RPM	1290	1650	1400	1700
Productivity (g/s)	2,7/3,7		4,5/5,5	
Weight when empty (kg)	11,5		11,5	

(*) The value given is for the actual revolutions of the grinding discs.



Note:

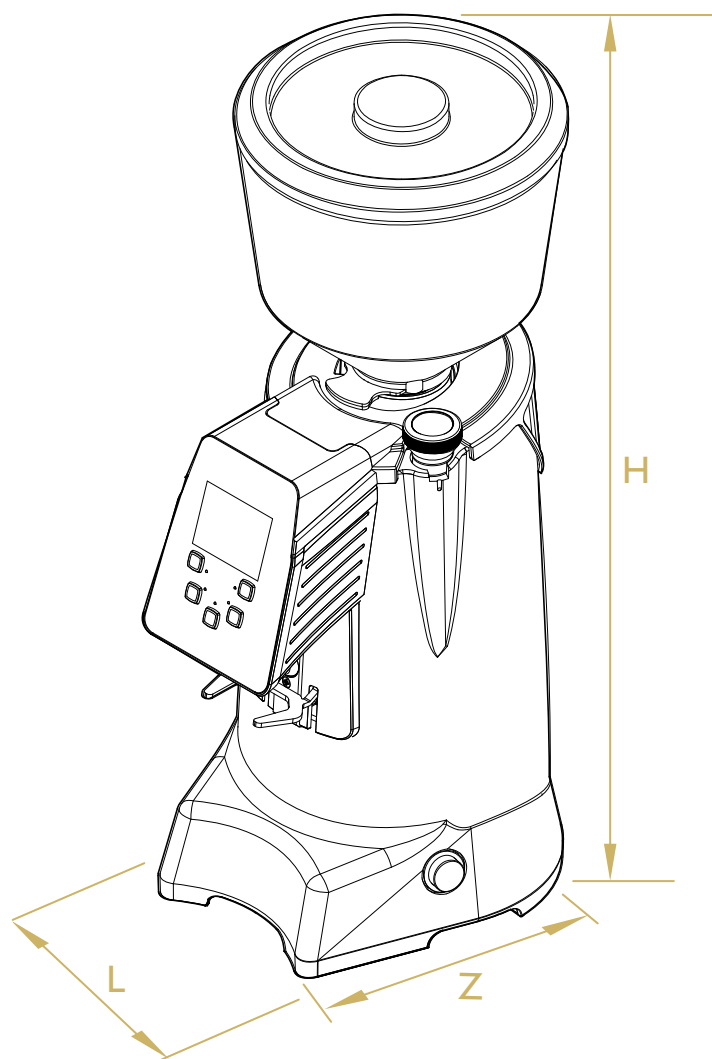
In order to identify the appliance, read the code after “MATRICOLA” (serial number) on the label applied on this manual or on the appliance itself and select the corresponding voltage.



DIMENSION SKETCH INSTALLATION AND START-UP

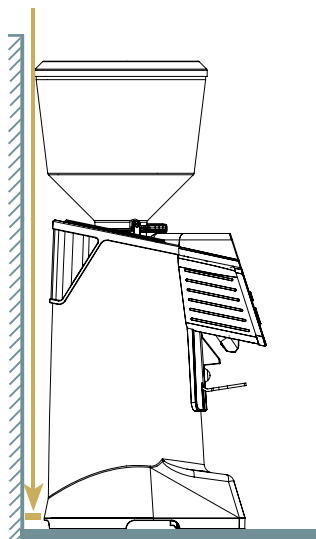
Pulse

Positioning



L	H	Z
221 mm	554 mm	264 mm

MIN. 10 cm

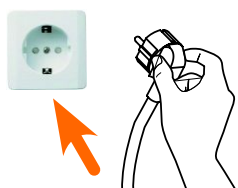


Note:

Make sure that air is able to circulate behind the machine (minimum 10 cm).

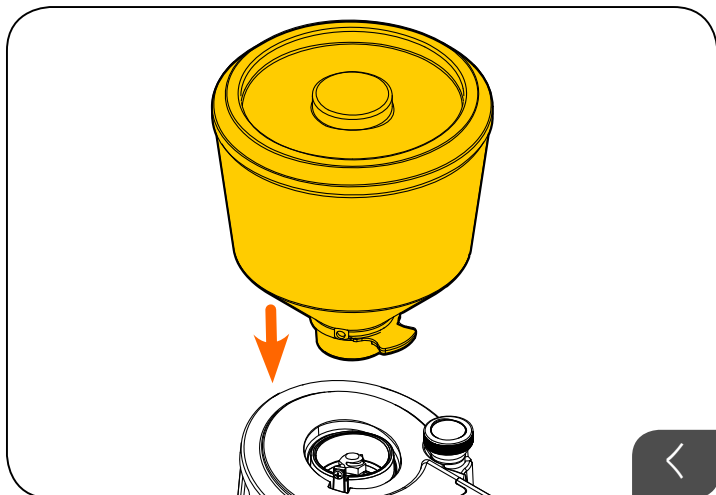
- The minimum dimensions for the place of the machine must be 230 mm wide x 270 mm depth x 600 mm high.
- Position the machine on a flat and stable surface, away from water and sources of heat.
- It should be located in a dry environment, since excessive humidity will affect the machine negatively.
- Do not cover the machine with plastic film or cloths.

Electrical connection

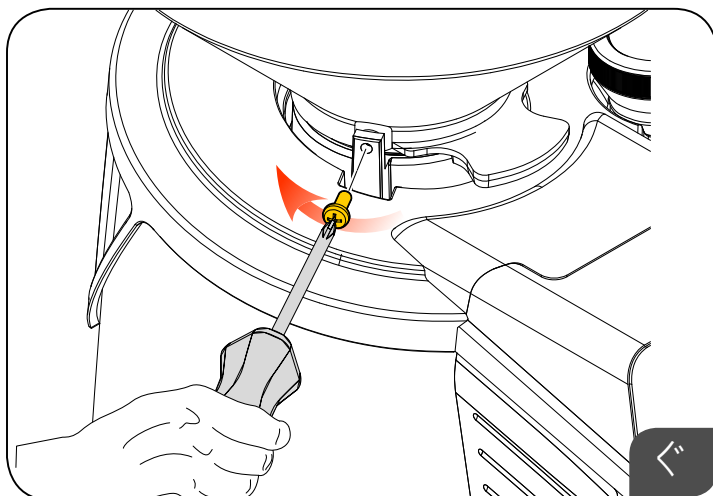


- Only connect the machine to a grounded power supply.
- Check the correct voltage and frequency on the technical data plate.

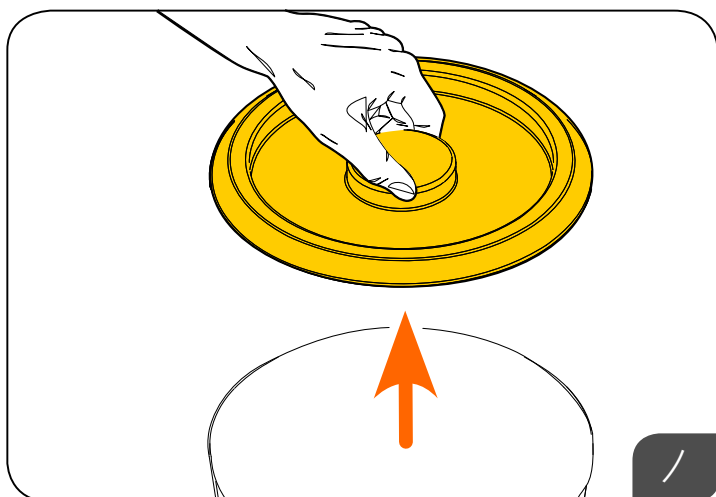
Starting the grinder



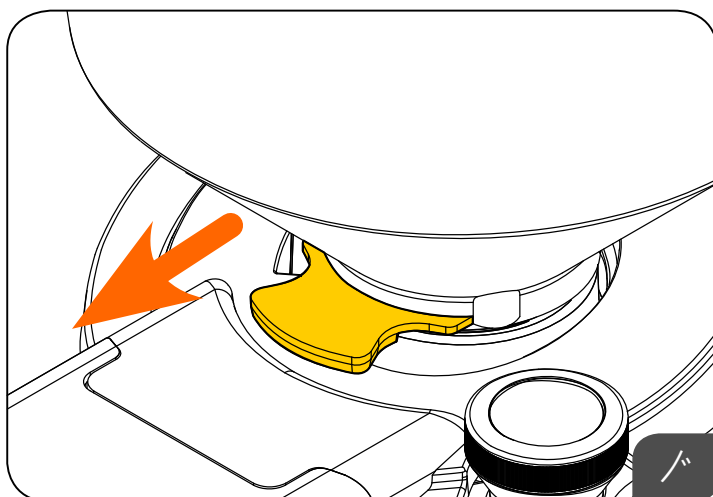
- Insert the hopper into its seat; positioning it so that the hole lines up with the screw on the back part of grinder.



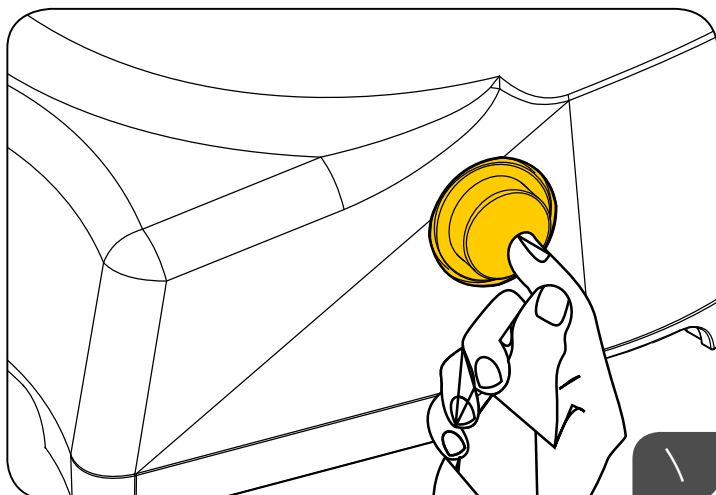
- Tighten the lock screw.



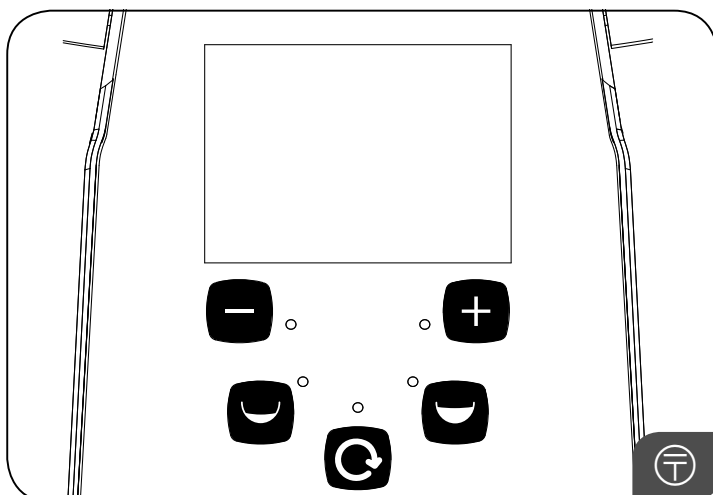
- Remove the cover from the hopper and fill it with coffee beans.



- Connect the machine to the mains socket and pull the tab at the bottom of the hopper to open it.



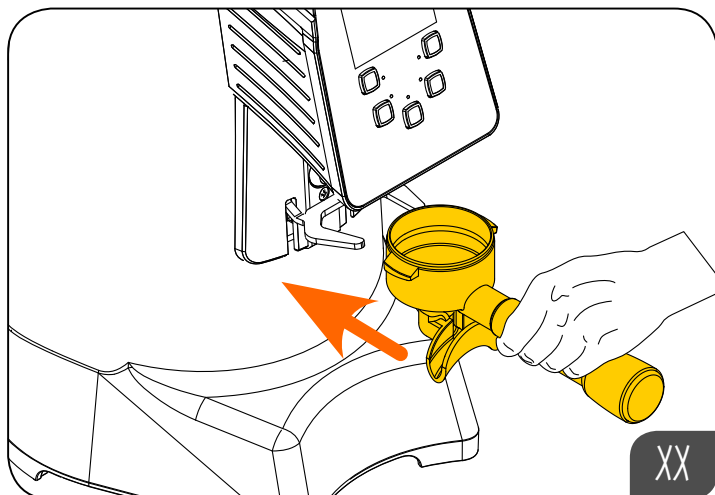
- After having filled the hopper, switch ON the grinder on the ON/OFF switch.



- Select single or double dose by pressing the corresponding keys ☺ or ☺.

INSTALLATION AND START-UP OPERATION

Pulse



- Place the filter holder onto the fork and insert it against the filter holder restraint.



Note:

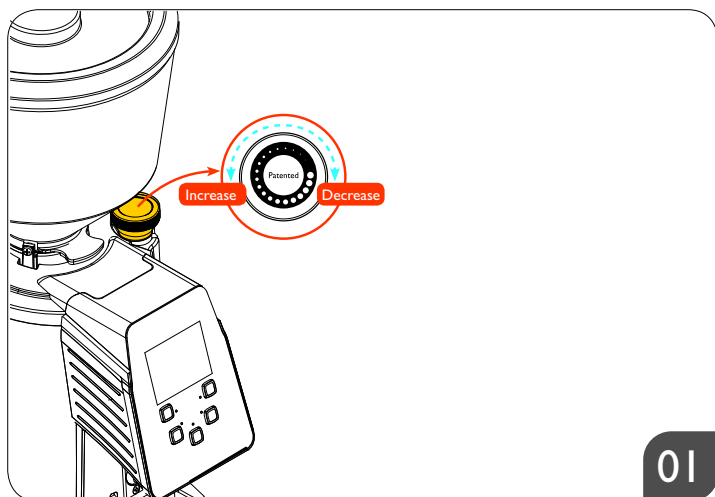
Dispensing stops once the preset time has elapsed.



Note:

The appliance is equipped with a filter holder retaining device.

Grinder fineness adjustment



Note:

Turn the adjusting knob clockwise to increase grinding fineness or counter-clockwise to increase the grain size.



Note:

This setting is stepless and needs to be gradually changed. Grind some coffee between every two notches change.

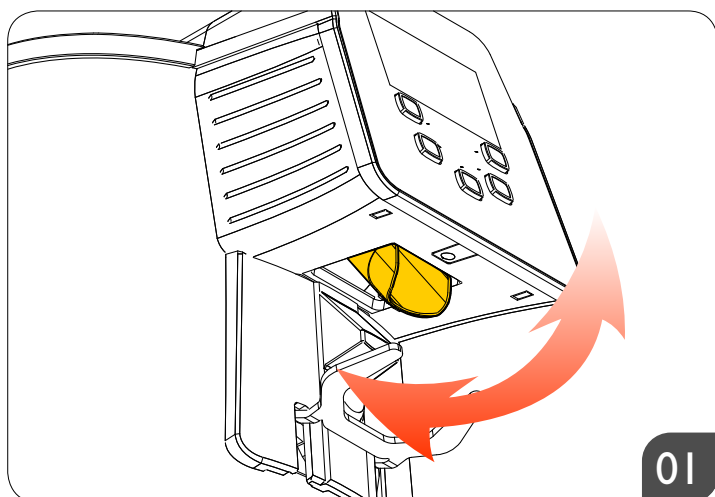


WARNING!

If the knob is rotated one turn with a stationary motor, the grinder may stop.

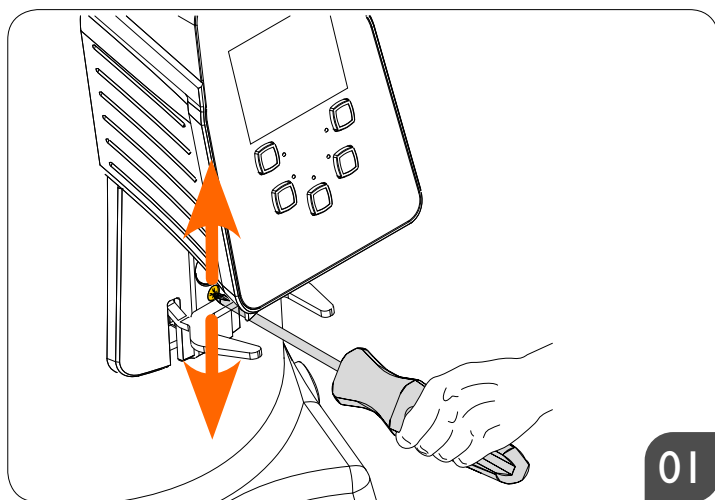
- Use the grinding adjustment knob to set the grinding fineness.

Spout orientation adjustment dispensing



- Adjust the orientation of the dispensing spout to suit the filter holder used.

Filter holder fork height adjustment



- Use a screwdriver to loosen the fastening screw on the filter holder fork. It is recommended not to unscrew the screw completely.
- Raise or lower the fork in order to adjust it according to the filter holder used.
- Once having set the correct position, tighten the fork fastening screw.

Cleaning is fundamentally important to the good operation of the grinder and doser.

Neglecting to clean the grinder and doser will allow aromatic oil substances from the coffee to turn rancid which will have a negative effect on coffee taste. A lack of proper cleaning will also impair the precision of the grinder causing irregular grinding size and doses.

Before cleaning, make sure that the appliance is disconnected from the mains power.

WARNING!
Always unplug the appliance from the mains power supply before carrying out any cleaning or maintenance operation.

WARNING!
Never pull on the power cord or the appliance when removing the plug from the mains power socket.

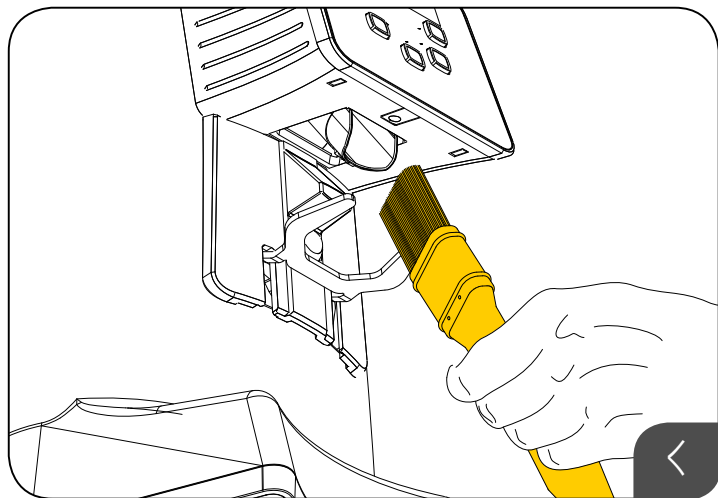
Maintenance of the grinder

WARNING!
Maintenance operations must only be performed by qualified service engineers, authorised to perform such operations by the manufacturer.

WARNING!
Never perform makeshift or precarious repairs and never use non-original spare parts.

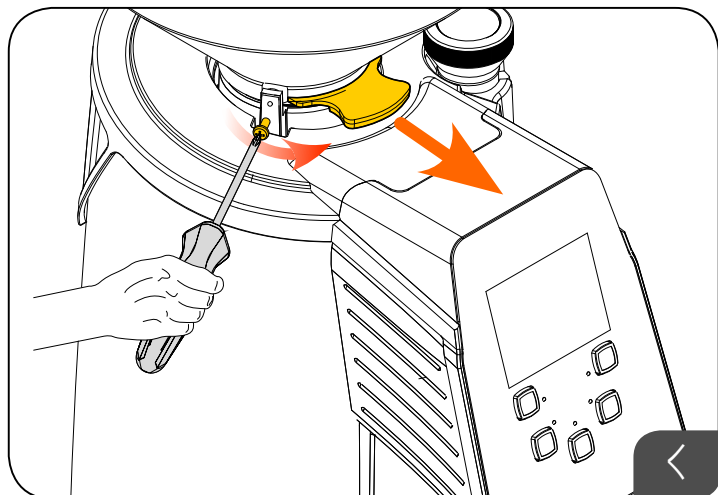
For good appliance operation, it is necessary to check and if required, replace the grinders burrs for every 350 kg of coffee grinded.

Daily cleaning - clean the dispensing spout

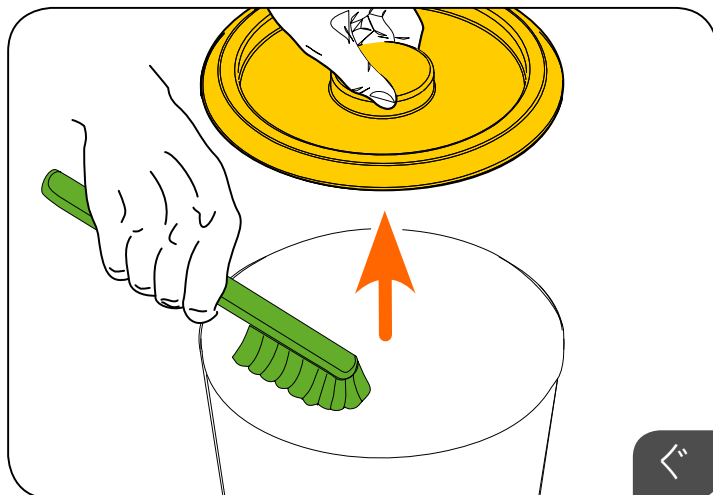


- Clean the dispensing spout using a brush.

Weekly cleaning - bean hopper

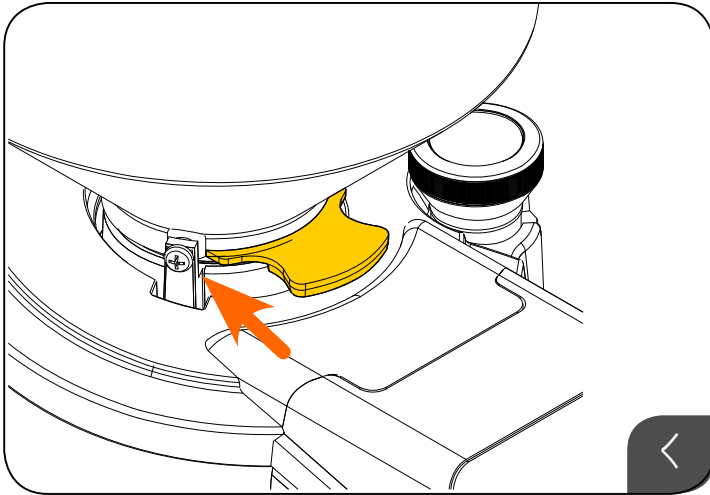


- Close the hopper by pulling the tab then loosen the fastening screw on the side.
- Use a clean cloth to wipe away oil from the inside of the hopper.

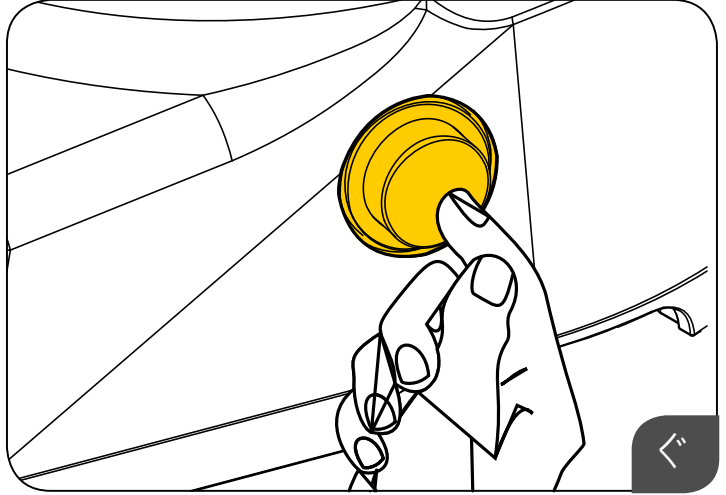


- Lift the lid and clean with a brush.

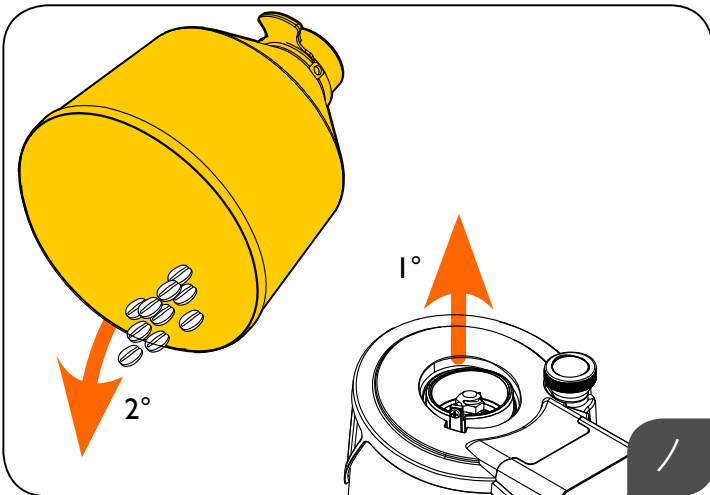
Weekly cleaning - clean with Grindz



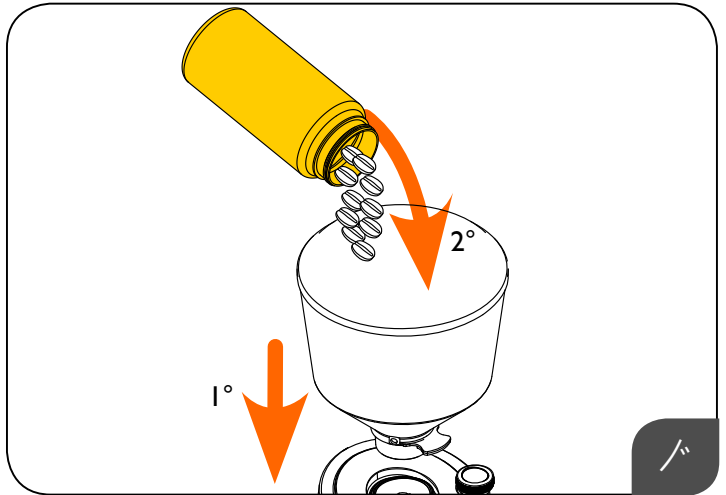
- Close the bean stop in bottom of the bean hopper.



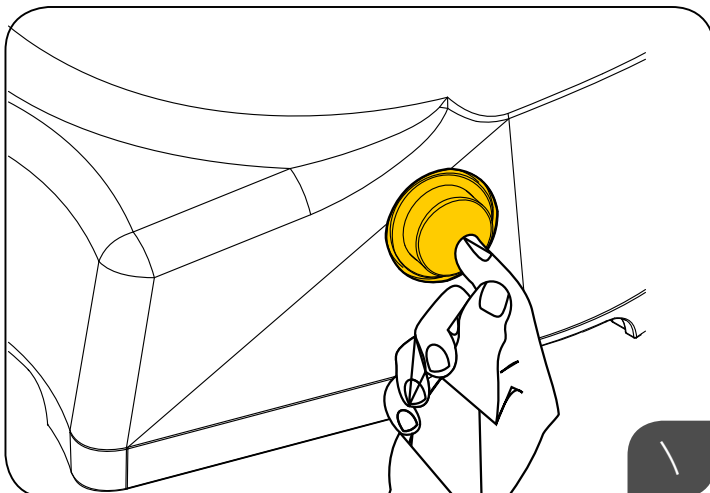
- Start grinder by pressing the ON/OFF switch.
- Run grinder until no more espresso comes out of the grinder outlet.



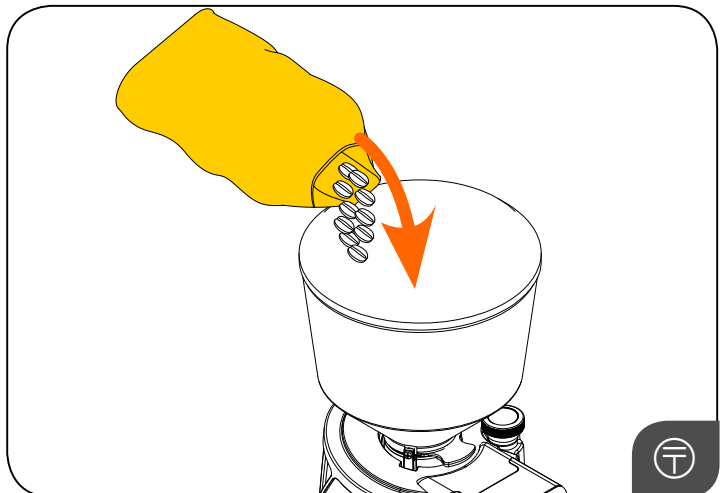
- Turn OFF the grinder, remove the bean hopper and pour out the remaining coffee beans.



- Reassemble bean hopper and fill with one cap of Grindz cleaning tablets and reopen bean stop.



- Start the grinder again by pushing the grinder start key.
- Run until no more cleaning espresso come out of the grinder.



- Refill the bean hopper with fresh coffee beans.

CLEANING AND CARE PROGRAMMING

Pulse

Grind two or three servings of espresso to flush the grinder and outlet of any remaining GRINDZ residues.
Do not use these servings for brewing!

Grinder setting

2 coffee doses dispensing time

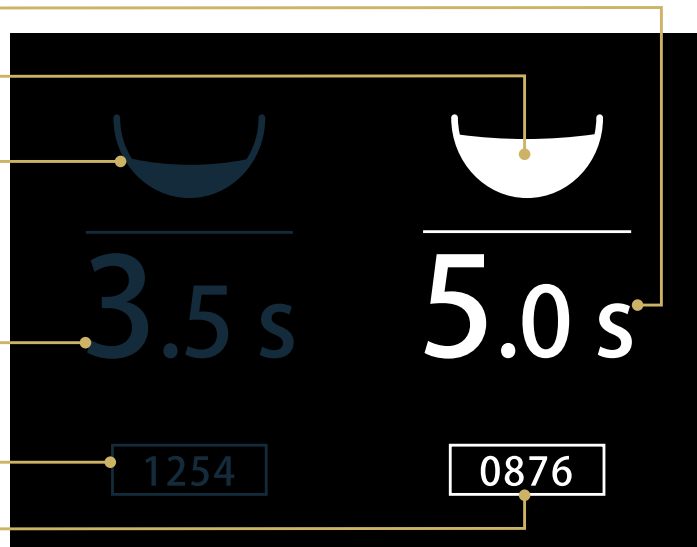
2 coffee doses icon

1 coffee dose icon

1 coffee dose dispensing time

1 coffee dose counter

2 coffee doses counter



Appliance switch-on





Note:



When switching the appliance on for the first time it is configured with factory settings. Change of settings will be automatically saved and user defined settings will be loaded automatically if the grinder is restarted.

- When switching the appliance on, the following screen is shown for a few seconds.

Dose dispensing and setting (display)

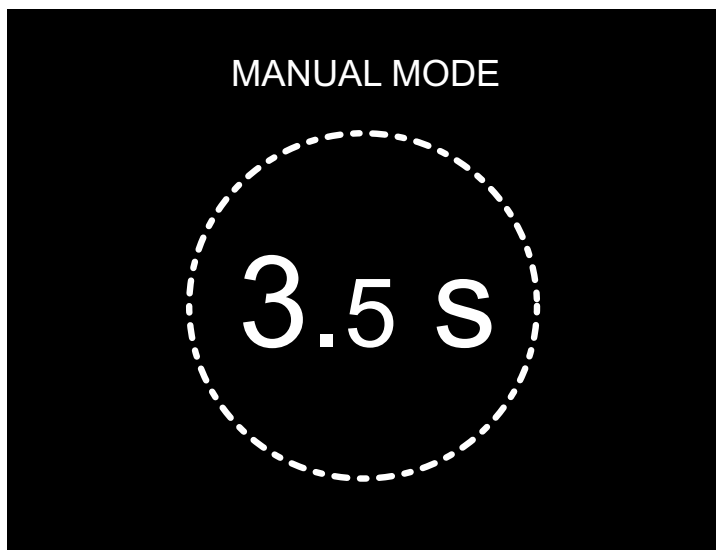
- By pressing the key for one dose  this icon lights up.
- By pressing the grinding start key, dispensing and countdown until zero are started.
- Once dispensing is completed, the countdown zero returns to its set value for a new grinding.
- The single dose counter is increased of 1.
- By pressing the key for two doses  this icon lights.
- By pressing the grinding start key, dispensing and



countdown until zero are started.



- Once dispensing is completed, the countdown zero returns to its set value for a new grinding.
- The double dose counter is increased of 1.
- By pressing the increasing key  or the decreasing key  the dispensing time of the selected dose is increased or decreased.

- Note:** It's possible to stop the automatic dispensing before it's finished the grinding time. During dispensing, press with the filter holder the grinding start key to manually stop dispensing:
- Press the grinding start key to resume delivery for the remaining time.
 - Press the dose button (blinking) to stop dispensing. The grinding time returns to the set value.


“Manual Mode” dispensing mode activation







- By pressing  the manual mode is activated. To start dispensing:
- Press  to start dispensing and press it again to stop dispensing.
 - Insert the filter holder until press the grinding start key; remove the filter holder to release the grinding start key and stop dispensing.

By pressing the keys  or  the appliance returns to the relative dispensing mode.

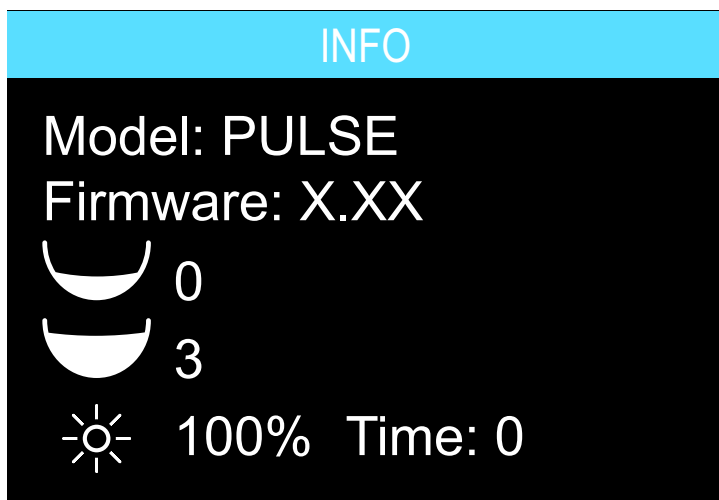
Resetting dose counters






- From the dispensing programmed doses screen, long press the  button to reset partial counters of doses delivered.

Function block

- By pressing both keys  and  the time dispensing setting in locked. On the display appear the lock icon.
- Press again both keys  and  to unlock the appliance functions.

Enter service menu



- Press the key  and switch on the appliance, to access the following screen:
 - ▲ Appliance model.
 - ▲ Firmware version.
 - ▲ 1 and 2 dose total counter (cannot be reset).
 - ▲ Counter total of manual grind time.
 - ▲ Display brightness, adjustable with the keys  and .
- Press the key  or  to return to the dispensing dose screen.



For the warranty to be valid, the conditions for maintenance must have been followed in accordance with our instructions, proper care must have been taken and any claim against the warranty must be sent without delay. The equipment in question may not be used while awaiting service if there is any risk that the damage or defect would worsen. The warranty will not cover problems associated with incorrect voltages or supplies related to normal maintenance such as grinder burrs. The warranty will not cover damages or defects caused by the incorrect handling and operation of the appliance.

Para que la garantía sea válida, deben haberse seguido las condiciones de mantenimiento de acuerdo con nuestras instrucciones, deben haberse prestado los cuidados adecuados y cualquier reclamación deberá enviarse sin retraso. El equipo en cuestión no podrá ser usado mientras se espera la realización del mantenimiento si hubiera algún riesgo de causar daños o si el defecto pudiera empeorar. La garantía no cubre problemas asociados con tensiones incorrectas o cuestiones relacionadas con el mantenimiento normal, como rebabas del molinillo. La garantía no cubrirá daños o defectos causados por un uso incorrecto de la aplicación.

MADE IN ITALY FOR CREM INTERNATIONAL BY

CONTIVALERIO S.R.L.
Via Luigi Longo 39/41 - SESTO FIORENTINO (FI) ITALY
Post Code: 50019

TECHNICAL SERVICE
Please contact your supplier

Your Dealer

crem[®]
INTERNATIONAL

www.creminternational.com