



MIGNON LIBRA



USER HANDBOOK

Translation of the Original Instructions

IMPORTANT SAFEGUARDS

The producer has reasonably considered every precaution possible, so to assure user's safety. Anyway, in installing and using the grinder, various conditions may create uncontrollable and unpredictable events; so, it's always necessary to evaluate any risks and consider what follows:

- a.) Read all instructions.
- b.) To protect against risk of electrical shock do not put the grinder in water or other liquid.
- c.) This 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 are closely supervised and instructed concerning use of the appliance by a person responsible for their safety. Close supervision is necessary when any appliance is used by or near children. Children should be supervised to ensure that they do not play with the appliance.
- d.) Turn the appliance OFF, then unplug from the outlet when not in use, before assembling or disassembling parts and before cleaning. To unplug, grasp the plug and pull from the outlet. Never pull from the power cord. Permanently Installed – Make sure appliance is OFF when not in use, before putting on or taking off parts, and before cleaning.
- e.) Avoid contacting moving parts.
- f.) Do not operate any appliance with a damaged cord or plug or after the appliance malfunctions, or is dropped or damaged in any manner. Contact the manufacturer at their customer service telephone number for information on examination repair, or adjustment.
- g.) The use of attachments not recommended or sold by the manufacturer may cause fire, electric shock or injury.
- h.) Do not use outdoors.
- i.) Do not let cord hang over edge of table or counter.
- j.) Do not let cord contact hot surface, including the stove.



SAVE THESE INSTRUCTIONS

SAFETY INSTRUCTIONS

- Before connecting the grinder, it's necessary to verify that plate data match with electric net ones.
 - Both installation and repair must respect safety instructions and the inforce rules of the country in which the grinder is installed.
 - The grounding wire is necessary, like the installation. Both must respect the inforce rules of the country in which the grinder is installed.
 - Adaptors, multiple outlets and extension cables are not suggested.
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- Do not use any water jets, unsuitable detergents or steam-cleaners to clean.
- During its use, install the grinder on a flat and stable surface being able to sustain the weight of the grinder.
- The grinder is intended to be used only to grind roasted coffee beans. A different use is considered unsuitable and dangerous. The producer cannot be considered responsible for possible damages related to misuse or erroneous and unreasonable actions.
- The grinder cannot be used in extreme environmental conditions. In any case, use the grinder just between -5°C ÷ $+30^{\circ}\text{C}$ degrees.
- This grinder has been conceived for commercial use, like restaurant kitchen, canteens, hospitals and shops, like bakeries and butchers. It is not suitable for continuous food production.
- For home-use, it is necessary to switch off the grinder and to unplug it before changing any accessory or coming close to any parts that is working.
- This appliance is intended to be used in household and similar applications such as:
 - a. staff kitchen areas in shops, offices and other working environments;
 - b. farm houses;
 - c. by clients in hotels, motels and other residential type environments;
 - d. bed and breakfast type environments.

UNPACKING THE GRINDER

- It's necessary to check out that there is not any damage on the grinder, looking at the external packaging
- After having removed the packing, check out there are no damages on the grinder.
- Check out the entirety of all components. In case of defects or damages, inform immediately the authorized reseller.
- The packing (box, cellophane, metallic parts, styrofoam, etc.) can cut, wound or be dangerous if mismanaged. Prevent children or non-responsible people entering in contact with the packing.
- This symbol on the grinder or on the packing informs that the grinder cannot



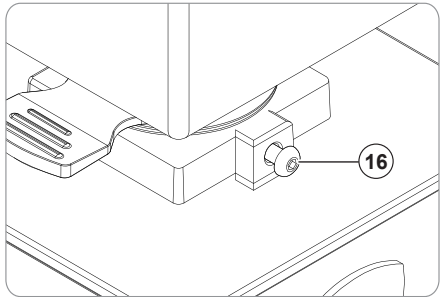
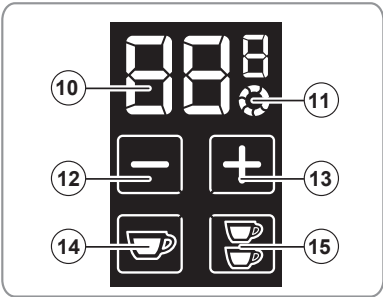
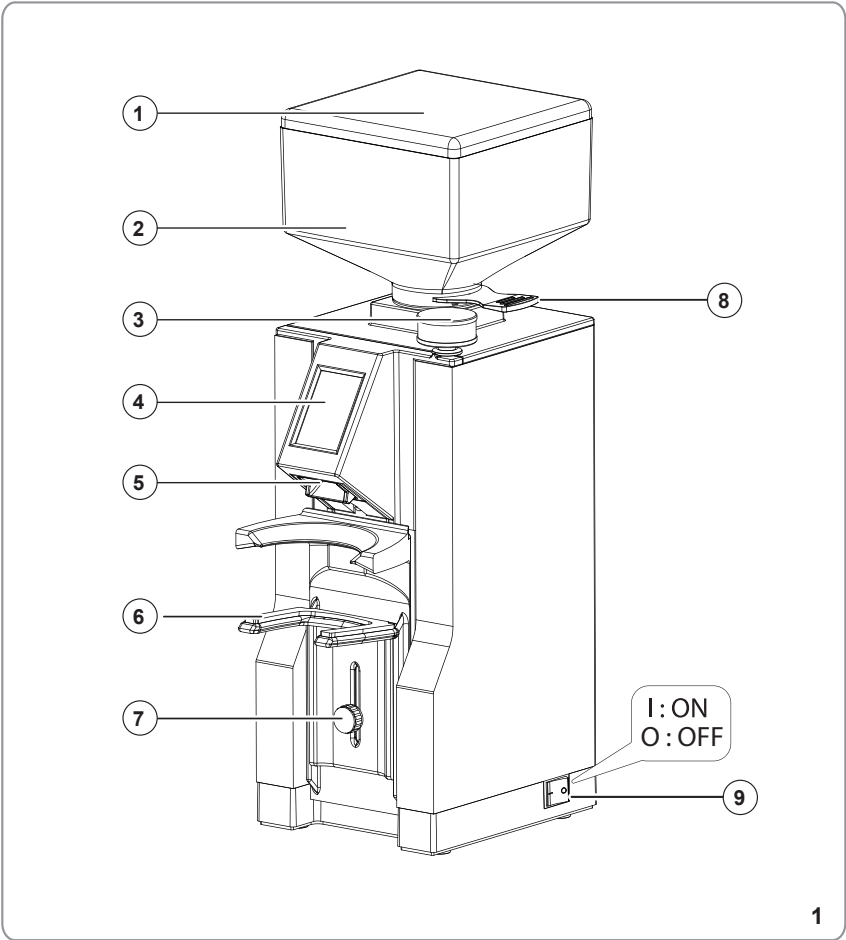
be considered like a usual home waste ; it must be delivered to a suitable waste collection facility that recycle electric and electronic devices. If this grinder is correctly disposed of, you will prevent potential damages to both environment and health; these damages may occur in case the grinder is not correctly

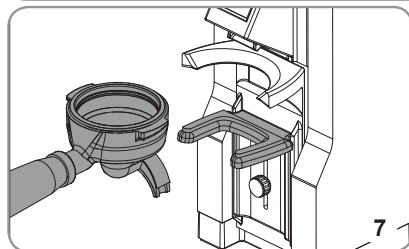
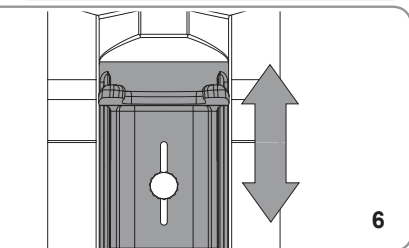
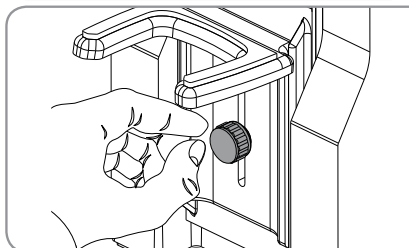
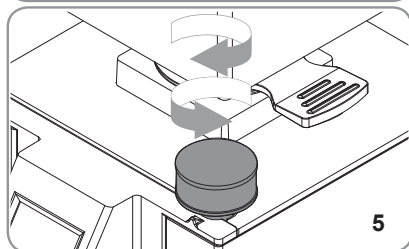
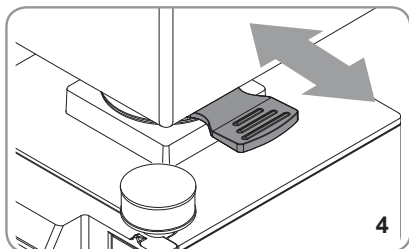
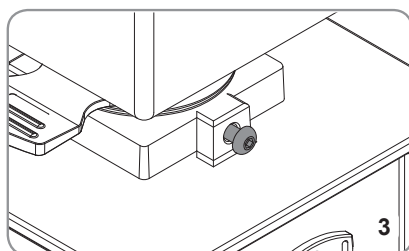
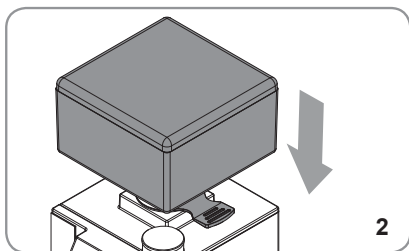
disposed of. Waste recycling protects natural sources. For further information on the recycling of this product, you can contact your local authority, local recycling center or the reseller you purchased the grinder from.



IMPORTANCE OF THE MANUAL

This manual is addressed to the user of the grinder and it is considered part of this product. It shares information on its correct use and maintenance, including information on user's safety. This manual must be held during all the grinder's lifespan and must be transmitted to any user or future owner. All information in this manual do not replace safety rules and technical data on the installation and functioning of the grinder and its packing. This manual reflects the nowadays state of the art and it cannot be considered inadequate just because revised on the base of new technologies. The producer may modify the manual without revising previous editions, except in special cases. A misuse of the grinder, or a different use than the one described on the manual, will invalidate any warranty or responsibility of the producer. The grinder can be used just by a responsible adult. It's necessary to preserve the manual, as the producer cannot be held responsible for any damage on people or things, or any damage on the grinder in case it is misused or in case safety and maintenance rules are not respected.







DICHIARAZIONE DI CONFORMITÀ CE / EC DECLARATION OF CONFORMITY



CONTI VALERIO S.r.l.

Via Luigi Longo, 39/41 – 50019 Sesto Fiorentino (FI) – ITALY

Dichiariamo sotto la nostra responsabilità, che il prodotto/ Declare under our responsibility,
that the product:

MACINADOSATORE PER CAFFÉ MODELLI:

COFFEE GRINDER MODELS:

MS, MIGNON LIBRA

VERSIONE/VERSION: 220-240V/50-60Hz; 220v/60Hz

EQUIPAGGIATE CON DOSATORE ELETTRONICO

MATRICOLA DAL / SERIAL Nr. FROM/ N° de SERIE DESDE: XX XXX 22 15 XXXX

È conforme a tutte le disposizioni pertinenti delle Direttive/ Fulfills all the relevant provisions
of Directives:

2006/42/CE (Direttiva Macchine/Machinery Directive)

2014/30/EU (EMC Direttive/EMC Directive)

2011/65/EU (RoHS Direttive/RoHS Directive)

Ed è conforme alle norme/ And fulfills the standards:

UNI EN 12100/1-2; UNI EN ISO 13857; CEI EN 55014-1/2; CEI EN 61000-3-2/3;

CEI EN 60335-1; CEI EN 60335-2-64; CEI EN 62233; EN 60704-1: 1994

Autorizziamo la seguente persona a costituire il fascicolo tecnico/We authorize the following
person to compile the technical file:

Sig. Filippo Conti – Via Luigi Longo, 39/41 – 50019 Sesto Fiorentino (FI) – ITALY

Sesto Fiorentino, 21 June 2022

Filippo Conti, Legal Representative



1 GENERAL INFORMATION

MANUFACTURER:

CONTI VALERIO - Via Luigi Longo, 39/41 - 50019 Sesto Fiorentino (FI) – ITALY

MODEL: MS

2 TECHNICAL DATA

	MS		
Volts (V)	220	220/240	110
Frequency (Hz)	50	50-60	60
Power consumption (W)	310		
RPM	1350	1630	
Production rate (g/s)	1,4 - 1,8 (espresso) / 1,9 - 2,5 (brew)		
Empty weight (kg)	6,5		
Hopper capacity (g)	300 (510)		
Height (mm)	390 (430)		
Width (mm)	124		
Depth (mm)	193		



3 DESCRIPTION OF THE APPLIANCE

1. Container lid
2. Coffee bean container
3. Grinding adjustment knob
4. Touch screen display
5. Dispensing nozzle
6. Filter-holder adjustable fork
7. Filter-holder fork clamping knob
8. Opening / closing tab for coffee bean container
9. Power switch
10. Dispensing grams/dose count display
11. Continuous dispensing active
12. Decrease button
13. Increase button
14. Single dose button
15. Double dose button
16. Coffee bean container fixing screw

4 LOCKING THE CONTAINER

Before starting operation, install the coffee beans container (2).

- Insert the container (2) in its seat (Fig. 2), making sure the hole is aligned with the screw on the back of the appliance (16).
- Screw in the locking screw (16) (Fig. 3).

5 ADJUSTMENTS AND USE

5.1 PRELIMINARY OPERATIONS

Before starting work, the machine must be set up according to the type of coffee blend (roasting level) and grinding degree.

- Select the type of coffee blend (roasting level).
- Select the grinding degree.
- After making the electrical connection, press the tab (8) at the base of the coffee bean container (2) to close it (Fig.4). Then proceed to programming of the doses.
- Remove the lid (1) and fill the container (2) with coffee beans.
- Put the lid (1) back on and pull the tab (8) to allow the coffee beans to pass through.
- First calibration performed and tested in the production factory. The coffee grinder is ready for use.

5.2 DISPLAY OPERATION



5.2.1 SWITCHING ON THE APPLIANCE

When first switched on, the device is set up using factory settings. For subsequent start-ups, it maintains the settings prior to the last shutdown.

When turned on, the display loads the firmware and prepares for dispensing.



5.2.2 DOSE DISPENSING AND ADJUSTMENT

- After positioning the filter-holder on the fork, choose the dose to be dispensed by pressing the single dose (14)  or double dose (15)  button (the selected button lights up).
- During dispensing, the display will show the value of the weight measured up to the set value.
- During dispensing, the single (or double) dose button flashes.

ATTENTION





The selected dose key remains enabled for 10 seconds from the positioning of the filter-holder. After 10 seconds, when the key is pressed, the machine stops and the abbreviation FH appears on the display. To release the grind, remove the filter-holder and reinsert it.

ATTENTION

If the filter holder is not inserted correctly, pressing the key does not start grinding and the abbreviation FH appears on the display. To release the grind, remove the filter-holder and reinsert it.

ATTENTION

Grinding should only start after inserting the filter-holder or another container on the filter-holder fork.


- When dispensing is finished, the grinding grams of the dose return to the set value and the counter is increased by the value of the ground grams.
- Press the buttons (12)  and (13)  to decrease or increase the coffee weight required for the selected dose (weight visible in grams on the display). The increase or decrease in grams provided for the selected dose varies to a tenth of a gram.
- If the button (12)  or (13) , is held down for a few moments (long press), the weight of the selected dose is decreased or increased for the time of pressing.

 To pause dispensing before the grinding time has elapsed, press one of




the two dose buttons again. The display shows the grams ground up to the pause. To complete the dose it is necessary to press the dose button again.



ATTENTION

If the grinding is not restarted or the filter-holder is removed within 30 seconds, the system will reset.

 With the dose paused it is only possible to change the selected dose, if the weight of the ground coffee has not exceeded the value of the dose to be selected. Otherwise, if the single grinding time has already been exceeded, the grinding will stop.


5.2.3 CONTINUOUS DISPENSING

Press the single dose (14)  and double dose (15)  buttons at the same time. The symbol (11)  appears on the display. Continuous dispensing is started by pressing the single/double dose buttons at the same time (with lighting up of the corresponding symbols) and continues until both are released. Continuous dispensing has a maximum duration of 30 seconds.

To exit the continuous delivery mode, press the single dose (14)  or double dose (15) .

5.2.4 GRINDING STOP RELEASE







If during dispensing, the machine receives an external disturbance (blow to the filter-holder, blow to the fork, etc.) before the end of dispensing, the grinding pauses and

the symbol appears on the gram display (10) . By pressing one of the two dose buttons the grinding restarts. Some types of disturbances could be interpreted by the system as removal of the filter-holder and therefore result in resetting of the dose.

ATTENTION



If the grinding is not restarted or the filter-holder is removed within 5 seconds, the system will reset.

5.2.5 FREEZING OF WEIGHTS





Hold down the buttons (12)  and (13) . When they are released, the dose adjustment is blocked. In addition the buttons (12)  and (13)  are darkened on the display. Hold down the buttons (12)  and (13)  to release the functions.



5.2.6 DOSE COUNTS

Upon powering on the machine, hold down the buttons (12)  and (14)  for a few seconds. The display shows the total grams dispensed in pairs of digits in succession. For example, if the total number of grams dispensed is 1634, the digits **00' 00² 16³ 34⁴** appear on the display for two seconds. The top number indicates the position of the pair of digits in the sequence.

5.2.7 DISPLAY CONTRAST ADJUSTMENT

Upon powering on the machine, keep the buttons (13)  and (15)  pressed to access the contrast adjustment. Buttons (12)  and (13)  remain lit on the display to adjust the contrast from 1 to 10. To exit the adjustment, press one of the two dose buttons.

5.3 GRINDING ADJUSTMENT

Turn the adjustment knob (3) clockwise to make the powder finer or anti-clockwise to increase its coarseness. The adjustment must be made gradually, grinding a little coffee every 2 notches at the most.

If the knob is turned by one full turn with the motor stopped, the machine may stop.



5.4 FILTER-HOLDER FORK ADJUSTMENT

To adjust the filter-holder fork (6) loosen the fork clamping knob (7) then raise or lower the fork to adjust it according to the size of the filter-holder (Fig.6).


Finally tighten the fork-clamping knob (7).

The fork is suitable for any type of filter-holder available on the market.




5.5 RECALIBRATION OF FILTER HOLDER FORK

Upon powering on the machine, hold down the buttons (13)  and (14)  for approximately 7 seconds to activate the calibration.

- Insert the filter-holder on the fork (6). The sample weight will flash on the display

(default value 20gr). It is possible to modify the weight using the buttons (12) 

and (13) .

- Pressing the key (15)  the system will acquire the tare value. The display will stop flashing.
- Insert the sample weight inside the filter-holder.
- Press the buttons (13)  and (14)  for a few seconds to finish the calibration.

PLEASE NOTE: maintenance intervention only necessary in case of loss of calibration accuracy



ATTENTION

If the weighing system, during the grinding phase, does not detect a change in grams on the filter-holder, it will stop to prevent the motor from overheating.

6 CLEANING AND MAINTENANCE



ATTENTION

Do not leave the filter-holder inserted on the filter-holder fork.



ATTENTION

Disconnect the appliance from the power supply before carrying out any cleaning and maintenance operations. Do not pull the power cord or the appliance itself to disconnect the plug from the power supply socket.



ATTENTION

Maintenance and cleaning operations must be carried out by specialized personnel authorized by the manufacturer.



ATTENTION

Do not carry out makeshift or precarious repairs, much less use non-original spare parts.

6.1 CLEANING

Cleaning is a critical aspect for the correct operation of the coffee grinder. A neglected coffee grinder can have a negative impact on coffee brewing and on the accuracy of dosing and grinding. Before cleaning, make sure the appliance is unplugged.

6.2 CLEANING THE HOPPER

Wash the inside of the hopper with water and mild soap, removing the oily layer left by the coffee beans. Rinse it and dry it thoroughly. Repeat the process for the plastic lid. Do not wash in the dishwasher.

Cleaning is recommended at least once a week.

6.3 CLEANING THE GRINDING SYSTEM

After removing the lid, open the upper grinder holder. Then clean the grinders and other internal parts with a brush or a dry cloth. If necessary, use a vacuum cleaner or a jet of compressed air. After putting back the upper grinder holder and the lid, insert the hopper.

For complete sanitation, use commercially available detergent tablets for coffee



grinders.



ATTENTION

All cleaning and sanitising operations must be carried out with products approved for use with food.

6.4 MAINTENANCE

To ensure correct operation of the appliance, avoid grinding more than 160 g of coffee per activation.

Check, and if necessary replace, the grinders every 300 kg of coffee. To carry out maintenance on the grinders, disconnect the appliance from the power supply and remove the bean container. Then loosen the screw on the lid and the underlying screws that secure the upper grinder holder. To clean the grinders, use a brush or a dry cloth; if necessary use a vacuum cleaner or a jet of compressed air.



ATTENTION

Maintenance must only be carried out by specialized personnel authorized by the manufacturer.



ATTENTION

Do not carry out makeshift or precarious repairs, much less use non-original spare parts.

7 TROUBLESHOOTING

Contact specialized personnel.



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