

A80 Instruction Manual



Please read the instructions carefully, and keep it properly.

Product instruction



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1. Manual prologue

Please read instruction manual before using the appliance, this manual contains important instructions for the safety, operation and maintenance. Please keep this manual and manufacturer reserves the right to make any changes to this manual.

2. Safety

2.1 Safety Instructions

- ◆ Only whole roasted coffee beans may be ground in the A80
- ◆ When unpacking please inspect whether the power supply (voltage) complies with the grinder voltage on the manufacturer's name plate on the bottom of the grinder. Never operate the grinder in damp or wet surroundings.
- ◆ Always remove the electrical plug from the outlet prior to conducting maintenance or cleaning work on the grinder. Also, prior to removing the hopper, the plug must be removed from the electrical outlet.
- ◆ Never operate a grinder with a damaged electrical cord. Inspect the grinder regularly for damages of the electrical cord, plug, etc.
- ◆ Any required repairs may only be conducted by authorized service personnel. For this reason, please contact a customer service repair facility, your dealer or us directly as the manufacturer.
- ◆ Do not exceed the maximum allowable continuous grinding time of 20 min. Afterwards, allow the grinder to cool off before the next operation.
- ◆ Do not make any modifications or alterations to the grinder. The manufacturer assumes absolutely no liability for damages occurring from failure to observe these instructions.
- ◆ Children can not appreciate the dangers that can exist in the operation of electrical grinders. For this reason, never leave children unsupervised with electronic appliances such as this grinder.
- ◆ Never submerge the grinder in water and never operate with wet hands.

2.2 Usage Purpose

Only whole roasted coffee beans may be ground in the A80 grinder. Pay attention to use only clean and unground coffee. Never use the grinder to grind other products or objects.

2.3 Personnel Requirements

No special requirements are necessary for the users of this grinder. It is nevertheless a prerequisite that these operating instructions have been carefully read and understood and that all instructions provided are observed. In addition, safety-conscious operation is expected.

3. Technical Data

Type	A80
Voltage/Frequency	220-240V~ 50/60Hz
Power	420W
Rotation	1420rpm
Sound Emission(Idle operation)	60dB
Sound Emission(Operation)	Max.79dB (10cm away from the machine)
Dimensions in mm	W 220, D 2500, H600
Weight	11.2Kg
Hopper Capacity	1.65Kg

4. Packaging

- ◆ When open the package, please ensure that there are no signs of damage to the appliance. If in doubt, please do not use the equipment. Please contact personnel with the appropriate professional skills.
- ◆ Packaging materials must be kept out of the reach of children, as they are a potential source of danger, Please keep this package until the end of the warranty period

5. Installation and electrical connections

- ◆ The grinder-doser must be installed by skilled technical personnel in compliance with the safety regulations in force. Incorrect installation may result in injury to people, animals or things, for which the manufacturer cannot be held responsible.
- ◆ The grinder-doser must be placed on a stable, flat surface, suggested height is 80-100cm
- ◆ Before plugging in the grinder-doser, make sure the voltage and frequency values of the supply mains correspond to the ratings indicated on the label featuring the grinder-doser technical data.
- ◆ The wall socket must be fitted with an efficient earth contact. Consequently, it is essential to make sure the earth system is efficient and in conformity with current safety regulations. The manufacturer cannot be held responsible in the event of non-observance of this regulation.
- ◆ It is essential to make sure the ratings of the system are suitable for the power absorbed by the grinder-doser (as indicated on the label featuring the technical data) and that the wall socket is protected against over currents.

- ◆ Do not use extension cables, plug adapters for multiple sockets or makeshift connections.
- ◆ In EEC member states, current regulations require that the external equipotential terminals on the electrical base must be connected to the equipotential nodes for correct installation.
- ◆ The motor must rotate clockwise. If the rotation of three phase motors is to be inverted, by inverting the two power supply wires inside the plug, this must be carried out by skilled personnel.
- ◆ Make sure the hopper is positioned correctly on the coffee grinder-doser and is fastened to the upper grinding blade holder by means of the relevant screw. Close the locking slide and fill the hopper with coffee beans. Open the locking slide so that the beans are allowed to drop into the grinding system.
- ◆ This equipment is only suitable for indoor use. Do not use outside.
- ◆ After installing the device, please follow the instructions in chapters 9 and 14 below.
- ◆ Do not install the device near the water dispenser or near appliance that may accidentally splash the device.

6. OPERATING THE GRINDER-DOSE

6.1 Preliminaries

6.1.1 Installation Site

- ◆ Please observe the follow points, otherwise machine will be damaged:
- ◆ Installation must be on stable, flat, under pressure site, otherwise it will be out of shape.
- ◆ Keep far away from high temperature place and heat source.
- ◆ Installation Site should be revised by the personnel authorized by the manufacturer at any time.
- ◆ Distance between power connection and machine should be less than 1m.
- ◆ Keep enough space for maintenance and operation:
- ◆ Keep enough space for coffee beans.
- ◆ Back of machine should kept at least 5CM with the wall. (Air circulation).
- ◆ Observe local cooking regulations.

6.1.2 Weather condition

Please observe the follow points, otherwise machine will be damaged:

- ◆ Temperature should be ranged between +10°C - +40°C (50°F-104°F).

- ◆ Maximum permitted air humidity is 80 % rF.
- ◆ Using outside of room is not permitted, otherwise it will be damaged by bad weather. (Raining, snowing, frost)

6.1.3 Electronic connection

Electronic connection must follow up local regulations. The supply voltage must match the details of the nameplate.

Please must observe the following points:

- ◆ The electrodes must match the details on the nameplate!
- ◆ All the phase of device should be disconnected with electrified wire netting.
- ◆ Electrical connection should according to IEC 364 (DIN VDE 0100).
- ◆ For safety, device should be connected with a30 mA ground fault circuit breaker. (Type B ground fault circuit breaker can make sure it response to the error when it with DC fault .)
- ◆ The machine can not work under the damage of a broken cable. Cable and plug replacement only permitted to be carried out by customer services or by experts approved by the manufacturer.
- ◆ Don't use a extension line! Please observe the manufacturer instructions and local regulations, in case of using the extension line (Minimum intersecting surface:1.5 mm²).
- ◆ When laying out the cable, make sure that the power cord does nottrip over people. Do not allow the cable pass through the sharp corners or hang in the air. Do not clamp the cable. In addition, the cables must not be placed over high-temperature items and must be protected from oil and corrosive cleaners.
- ◆ Don't touch the device over the cable. For connection via a mains plug, the socket must be easily accessible during operation so that the plug can be disconnected in the event of a fault. Don't plug the wet plug into socket.

6.2 Switching on and off

Make sure the hopper is positioned correctly on the coffee grinder-doser and is fastened to the upper grinding blade holder by means of the relevant screw. Close the locking slide and fill the hopper with coffee beans. Open the locking slide so that the beans are allowed to drop into the grinding system.

Coffee grinder machine has manual switch and grinder

- ◆ On: set the switch to 1.
- ◆ Off: set the switch to 0.
- ◆ *Contact coffee grinder machine*

- ◆ Switch on, adjust button to position 1. Resist switch with the handle, the grinder starts working, loosen the touch switch and stop grinding once reaches required amount .
- ◆ *Electronic coffee grinder machine*
- ◆ Switch on, adjust button to position 1.
- ◆ Place the coffee handle on holder then press the left button(one icon) to grind and provide a coffee powder; The right button(two cup icon) is used to grind and provide two pcs coffee powder. Each time grind one coffee powder(one cup icon), the counter no.increases 1, and the counter increases 2 when choose double coffee powder(two cups icon).
- ◆ Press center button (icon) to start the device manually. Release manual grinding button, equipment stop.
- ◆ Suggest to use this button during grinding.
- ◆ Switch off and turn the button on 0

6.3 ADJUSTING GRINDING

- ◆ In order to achieve finer or coarser grinding and therefore vary the granulometry, use the adjustment disk located under the hopper. To increase the coarseness of the ground coffee, the adjustment disk must be rotated clockwise, pressing the adjustment disk lock downwards, to decrease turn the disk anticlockwise.
- ◆ The adjustment disk can remain in selected position without locking. The motor must be turned on during adjustment operations and there should be no coffee between grinding blades. grind a small amount to determine the optimum granulometry. Before electronic machine checking optimum granulometry, grind few amount coffee to fill the tube between the flooded area and the coffee powder outlet. This step must be performed to clear the remaining coffee powder from the pipe. coffee powder may change the dose weight.
- ◆ It is advisable to grind small amounts of coffee to facilitate a visual check of optimum granulometry and, if required, adjust the grinding adjustment disk. If the coffee comes out of the machine very quickly, it means that the coffee is ground too coarse. Vice versa, if it comes out too slowly, it means the coffee is ground too fine. Nonetheless, bear in mind that there are many conditions liable to influence the correct supply, such as the weight of the portions, the compacting, the espresso machine settings and the cleaning of the filters.

6.4 Coffee powder volume adjustment

- ◆ Electronic grinder coffee machine
- ◆ To adjust volume, press the double cup key for 10 seconds to enter the program, then enter grinding time
- ◆ Select single dose (one cup icon) or double dose (two cups icon)
- ◆ The display shows the factory settled time, single dose 4 seconds, double dose 8 seconds. (in seconds)

- ◆ Press the button "single dose" and "double dose" to increase or decrease grinding time to adjust coffee powder.
- ◆ When the grinding time increases or decreases by 0.1 seconds, the grinding dose increases or decreases by 0.15 g(0.005 Oz) just for reference only.
- ◆ After completing the value setting, store the new value, press the "manual" button and exit the program.
- ◆ The display flashing represent the data already stored and will sign out.
- ◆ If the device is turned off(the switch is on position 0) before exiting the program, the changes are not saved. To collect the coffee powder configuration, insert the coffee machine filter fixture completely into the fork-shaped bracket below the grinding coffee outlet.

6.5 Attention

- ◆ Shut down the appliance when hopper is empty.
- ◆ The coffee grinder should be fixed and can't move and the control handle of the feeder should always be fully pulled.
- ◆ For the coffee grinder model, ensure that the coffee powder can flow smoothly from outlet, to avoid the accidental shutdown. Therefore, the use of coffee bags should be avoided, as such bags are too small relative to the amount of grounded coffee. Once grinding cycle stopped, shake the handle to ensure that the coffee can flow out completely.
- ◆ Do not put other things inside when filling the coffee cover. Wash hands before operating.
- ◆ Put the cover back when finish filling and on normal operation.
- ◆ To maintain the equipment best condition, room temperature is recommended to be between 15 °C and 35 °C .
- ◆ For grinder normal operation, a small amount of coffee beans should be ground after initial installation and each replacement. Don't make coffee with these first-time powder.
- ◆ The electronic coffee grinder, to ensure good operation of the equipment, after the first installation and each time clean grinding pipe, grinding several parts of coffee, clean the inside surface with a dry brush funnel.
- ◆ Motor operation range
- ◆ For a single-phase motor, follow the work cycle indicated on the label which showed on the electrical appliance side.
- ◆ For example, the label's data "35sON 45sOFF" indicates that the working cycle is allowed to open for 35 seconds and close for 45 seconds.
- ◆ Electrical appliances with three-phase Motors allow continuous work

- ◆ However, in order to achieve high quality grinding, we recommend intermittent operation of electrical appliances, so that the maximum continuous work 10-15 minutes.

6.6 Setting menu

- ◆ Keep the single dose button pressed until an intermittent sound starts (about 10 seconds.).
- ◆ Language :Press manual button, choose single or double dose button to select language, press manual button to confirm
- ◆ Time: set time
- ◆ Date: set date 24 hours or 12 hours. Press manual button, choose single or double dose button to select
- ◆ Temperature: set temperature .Press manual button, choose single or double dose button to select
- ◆ Brightness: set brightness, Press manual button, choose single or double dose button to select.
- ◆ Information: Firmware version and Serial Number
- ◆ To access the user menu, keep the double dose button pressed until an intermittent sound starts(about 10 seconds.)
- ◆ Grinding Time: Single and double grinding seconds
- ◆ Mills Replacement: mills maintenance and exchange time, settled 2000times and 99 hours
- ◆ Mills Reset: see three options milling cutter maintenance milling cutter replacement and milling cutter timer, these three options need the authorization of manufacturers.
- ◆ Factory Reset: Choose reset, the cleaning times will recover to factory setting.
- ◆ Grinding count; Choose yes the display will show single/double and total grinding no.
- ◆ Manual mode: Choose yes the manual button is active ,if choose no the button is unavailable
- ◆ Mills mode : Choose auto pre selection and auto 4 grinding methods available
- ◆ Standard mode: Select single or double button, press and loose the contact switch, grinding works

- ◆ Auto mode: Press and loose the contact switch, grinding works ,default single cup
- ◆ Pre-selection mode: Select single or double first ,press and loose the contact switch, grinding works. The next one remembers last selection
- ◆ Direct mode: Press single or double button, grinding works

6.7 Operation cautions

- ◆ Thermal overload protection

The grinder-doser motor is protected against overheating resulting from overcurrent by a thermal overload protection which, when tripped, cuts off the power supply to the motor. If the thermal protection device should automatically turn on in the event of anomalous operation (such as the grinding blades jamming), turn off grinder-doser using the On-Off switch, unplug it from the mains, and contact skilled technical personnel. Never perform any work on the grinder-doser while it is attached to the mains, in order to prevent the motor from turning on suddenly. If the grinder-doser overheats as a result of the motor stopping, allow the grinder-doser to cool down before performing any repair work.

- ◆ Screws

The hopper must be attached to the upper grinding blade with an accompanying screw, that the user can't remove in any condition.

To prevent the adjustment disc was removed (the rotating parts expose outside), adjustment disc must be fitted with safety screws: the screws must be positioned at one of the two holes in the adjustment disc in order to expand the grinding adjustment and achieve the optimum grinding effect, and the user shall not remove the safety screws in any condition.

- ◆ Coffee outlet guard

The coffee outlet guard must always be fixed to the doser unit using the relevant screws, which must never be removed by the user. The removal of the coffee outlet guard can be done by skilled technical personnel only after disconnecting the grinder-doser from the power supply by unplugging. Before reconnecting the grinder-doser to the power supply, replace the safety device.

7. Maintenance

It is essential to periodically check the state of the supply cable and plug. In the event the supply cable or plug are damaged, call in skilled technical personnel to replace them, in order to prevent any risk. In CE-certified appliances a special tool is required to open the base plate to access the cable. We recommend using original spare parts only. In order to assure the lasting efficiency of the appliance, skilled technical personnel must be called in to perform periodical maintenance, including detailed checks of the state of those components subject to wear. The state of the grinding blades must be checked periodically. Keeping the grinding blades in an excellent state assures high-quality grinding, resulting in greater

productivity and limited overheating.

◆ Cleaning the appliance

Disconnect the power supply from the appliance by unplugging it before cleaning. The appliance must not be cleaned using water jets. Do not install the appliance in rooms where water jets are used for cleaning. The appliance must be cleaned periodically by skilled technical personnel only. Use perfectly clean, disinfected cloths or brushes for cleaning. Do not use abrasive products as these are liable to take the sheen off shiny parts.

◆ Hopper

Wash the hopper once it has been removed from the appliance (unscrewing the relevant fastening screw), using neutral soap and water, rinse abundantly with lukewarm water and dry thoroughly. It is advisable to clean the hopper periodically. Once the hopper has been cleaned, it must be attached to the upper grinding blade holder using the relevant screw.

◆ Grinding system

Remove the safety screw which prevents the adjustment disk from being removed. Unscrew the adjustment disk by turning it clockwise. Having removed the upper grinding blade holder, clean the grinding blades, the threads and the entire grinding system thoroughly using a clean brush and cloth. Having refitted the upper grinding blade holder in the relevant slot, screw the adjustment disk back on, and after refitting and securing the hopper adjust the grinding as required.

◆ Quantitative feeder

After removing the coffee powder, use a brush to clean the star-shaped device of the ration feeder and remove the cleared material by pulling the ration feeder control rod.

Use dry cloth to clean the bottom coffee powder outlet.

If deep cleaning is required, it must be performed by a professional technician and the electrical power supply must be cut off before cleaning, as explained above:

- 1) Dismounting the crews and remove coffee outlet guard
- 2) Dismounting hexagonal screws which fix the coffee weight adjusting knob
- 3) Dismounting (anticlockwise direction) coffee weight adjusting knob, press the star type device of quantitative feeder (concave quantitative star type device and upper quantitative star type device)
- 4) Remove concave quantitative star type device
- 5) Remove central spring
- 6) Deeply clean the bottom of the quantifier, especially exposed sharp blades and coffee powder outlets

To reassemble the quantitative feeder, reverse the steps above; Please note that the riser of the coffee exit cover plate should be properly mounted in the suitable slider on the side of the residue box.

8. Transportation and waste treatment

8.1 Transportation

- ◆ Please keep the coffee machine in carton box for future transportation .
- ◆ Empty coffee beans before transportation.
- ◆ Once complete emptying , clean the machine.

8.2 Disposal of the machine

- ◆ This machine and all accessory units include high quality raw materials that are supplied for re-use.
- ◆ Do not dispose the equipment in domestic waste!
- ◆ During disposal, observe the corresponding local and regional laws and directives.

9. Warranty Conditions

- ◆ The warranty period is 1 year from the date of purchase.
- ◆ The warranty covers all damages that can be attributed to inferior materials or defective workmanship. Corresponding grinders will be repaired or replaced free-of-charge, with the exception of transport or freight charges. Transport is the responsibility of the customer. Therefore, avoid damages with all returns by correct packing.
- ◆ The grinder may only be opened for cleaning purposes in accordance with the instruction manual
- ◆ This warranty does not cover damages which have occurred through: Improper usage, improper maintenance, lack of servicing, usage for purposes other than those intended, incorrect installation, incorrect voltage, breakage, natural wear or for reasons beyond our sphere of influence.
- ◆ In order to maintain the warranty, only original spare parts and accessory parts may be used.
- ◆ Observe in addition our General Delivery Conditions in their respective current version.
- ◆ The manufacturer is in no way liable for consecutive or secondary damages.
- ◆ The warranty does not cover costs resulting from repairs conducted by non-authorized personnel.

10. Daily using attention

- ◆ No any water in the beans hopper and powder hopper.
- ◆ The half roasted beans and beans with less oil for suggesting. The oily beans and burned beans are not for suggesting.
- ◆ The brush and cleaning agent are not permitted. In case of machine damaging, please clean machine with soft cloth.
- ◆ Don't power off, when the machine is working.