

Simplicity is the
soul of Efficiency

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etzMAX
QUICK START GUIDE

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The **etzMAX** is an **ON-DEMAND Espresso- or Filter Grinder** for commercial use.

Time- and weight-based models are available in different versions, depending on preferences and use:

Espresso Grinders:

etzMAX-lightT / lightW – time-based / weight-based

etzMAX-mT / mW – time-based / weight-based

etzMAX-plusT – time-based w/ integrated cooling system

etzMAX-plusW – weight-based w/ integrated cooling system

Filter Grinders:

etzMAX-filterLT / filterLW – time-based / weight-based

etzMAX-filterT – time-based w/ integrated cooling system

etzMAX-filter – weight-based w/ integrated cooling system

NOTE: Check out the label on top of the grinder to ensure you have received the grinder ordered.

ATTENTION: FIRMWARE-Updates will be published on our Website. It is **NEITHER** necessary **NOR** recommended to update your etzMAX without any Updates having been published on our Website.

THANK YOU for grinding at **etzMAX** 

Grinders

etzMAX-m/plus
etzMAX-light
etzMAX-filter



Accessories

etzFLEX
Single Dose Device
Espressokit
Filterkit



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GETTING STARTED

Carefully unpack grinder and verify delivery contents according to attached list.
Clean all loose parts with a soft damp cloth and allow to dry completely before use.

INSTALLING BEAN HOPPER

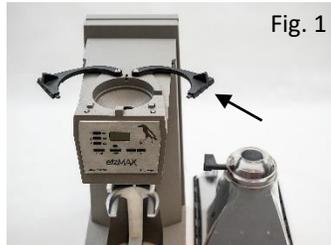


Fig. 1

Push both locking levers rearwards (arrow direction OPEN, Fig. 1).

Position hopper (bean-blocker handle to the right) at intended opening.



Fig. 2

Close locking levers and rotate bean-blocker by 180° into OPEN-position (Fig. 2).

Fill in the beans and close lid.

NOTE: Hopper should be cleaned daily as coffee oil residues can have a negative effect on the taste of your coffee. Once empty and removed (acc. to our instructions), hopper and lid may be washed in warm soapy water. Rinse and dry thoroughly.

REMOVING BEAN HOPPER

Close bean-blocker handle by turning it to the front. Open locking levers. Lift off hopper and place it on its lid.

Grinder Motor will not turn on with hopper removed!

PORTAFILTER HOLDER (Espresso) / PLATFORM (Filter)

Use your index finger to press against the rear part part of the upper holding arm (Fig. 3) while sliding the arm in position with your thumb – up/down (Fig. 4).



Fig. 3



Fig. 4



Fig. 5



Fig. 6

Once adjusted, insert the portafilter holder / platform (Fig. 6) onto the center hook (Fig. 5) and **slide it rearwards as far as it will go.**

ATTENTION (W-versions only): Be careful not to bend the center hook by applying too much force thus damaging the loadcell.

ADJUSTMENT

The Adjustment (Fig. 7) consists of a stepped macro adjust and a stepless micro adjust.

Recommended Settings

(final Setting depending on roast/cone, use higher Settings for lighter roasts):

Ristretto	Macro 4-8	Micro 1
Espresso	Macro 6-10	Micro 1
Longhi	Macro 8-12	Micro 1
Filter	Macro 4-12	Micro 1

To move from **coarse to fine** turn the macro- (top) ring to the right (Direction FINE), **with the grinder running**.

To move from fine to coarse, turn the macro ring to the left (Direction COARSE). The pointer (Fig. 7) indicates your macro-setting. **The micro adjust** (bottom ring) ranges from coarse (11) to fine (1) steplessly and allows for even more precise grind settings (**Click 1 on macro ring serves as reference point for the micro ring**).

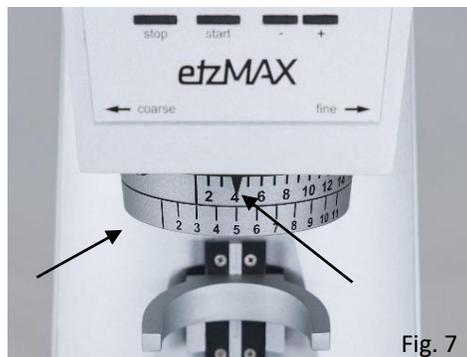


Fig. 7

NOTE: Not following our recommendations (cleaning, use of oily roasts, ..) and/or not adhering to the recommended settings (too fine, too coarse – beyond 16) may result in clogging and/or defects to the Adjustment.

NOTE: At standstill, it is not possible to adjust more than 1 step on the macro or 5 steps on the micro ring (when going finer).

CONE BURRS

LIGHT-Cone: All-purpose Espresso Cone

etzMAX-light/m/plus (installed), Esspressokit (Delivery Content)

HIGH-Cone: Fast Espresso Cone, optimized for medium roasts

etzMAX-m/plus (Delivery Content), Esspressokit (Delivery Content)

FILTER-Cone: Optimized for Filter (less fines)

etzMAX-filterL and etzMAX-filter (installed), Filterkit (Delivery Content)



Fig. 8

NOTE: In case of blockades or uneven grinding or if you want to grind finer, switch from HIGH-to LIGHT-cone.

PROGRAMMING of time-based versions (T)

The etzMAX User Interface is equipped with three programmable buttons labeled 1, 2 and 3. These buttons adjust the grind time in seconds but not the grind setting (Coarse/Fine).

Default Setting

Espresso Grinders:	1 = 4.3 sec	2 = 5.6 sec	3 = 7.0 sec
Filter Grinders:	1 = 4.5 sec	2 = 6.7 sec	3 = 8.9 sec

To change the setting, proceed as follows:

1. Select a **Preset** button (1, 2, 3)
 2. Press **+** or **-** to program the time (in seconds)
 3. Once the desired time setting in seconds is reached, press and hold the selected button for **3 seconds**. The display will flash to confirm the setting.
- Repeat steps 1-3 to program the other buttons.

TIME-BASED-GRINDING (T-versions)

Press the desired Preset-button (1, 2, 3). Display will show the programmed grind time in seconds. Press START. While grinding, the display is counting the seconds and comes to a halt when the custom time is reached. The motor will stop, and display will reset to the programmed time.

For grinding **in manual mode**, press and hold START button until you reach the desired quantity of ground coffee. Release START button, and the grinder will stop with the display showing the total number of seconds run. To return to automatic mode, press STOP.

The etzMAX will go into **SLEEP MODE** after 4 hours of non-use.
To reactivate grinder, press any button on the User Interface.

PROGRAMMING of weight-based versions (W)

The etzMAX User Interface is equipped with three programmable buttons labeled 1, 2 and 3 (Fig. 9). These buttons adjust the grind weight in grams but not the grind setting (Coarse/Fine).

Default Setting

Espressomühlen:	1 = 14g	2 = 18g	3 = 22g
Filtermühlen:	1 = 20g	2 = 30g	3 = 40g

To change the setting, proceed as follows:

1. Select a **Preset** button (1, 2, 3)
2. Press **+** or **-** to program the weight (in grams)
3. Once the desired weight setting in grams is reached, press and hold the selected button for **3 seconds**. The display will flash to confirm the setting and you will hear a confirmation sound. Repeat steps 1-3 to program the other buttons.



Fig. 9

NOTE: Should the etzMAX be in time-based mode (Fig. 12) when being operated for the very first time, switch to weight-based mode by pressing **STOP and 1** for at least 5 seconds.

NOTE: Install Grinder on an even, stable and vibration-free surface. Be aware, that the weight-based etzMAX is **optimized to be used with Portafilters** (max. 2kg). Other receptacles (lighter / heavier) may have an impact on accuracy and cause malfunctions and/or error codes.

The weighing system is self-regulating. **Accuracy improves with the number of grinding operations** within the same parameters (same roast, same setting). After change of roast or setting, it takes a couple of grinding operations for the system to adjust accordingly.

GRINDING weight-based versions (W)

All W-versions may be operated in time- or weight-based as well as in SCALE-only-mode!

CHANGE of MODE - Combinations:

Weight (gr) to Time(Sec) and back: **STOP and 1** (at least 5 sec)

Weight (gr) or Time (Sec) to Scale-only and back: **STOP** (at least 5 sec)

Weight-based GRINDING

WEIGHT-BASED: Press the desired Preset-button (1, 2, 3). Display will show the programmed weight in grams. Press START. While grinding, the display is showing the corresponding grams and comes to a halt when the custom weight is reached. The motor will stop, and the display will reset to the programmed weight.



Weight-based Mode

To pause the grinding during operation, press **START-button**. By repeatedly pushing START-button, the target weight may be reached in small steps of 0.1-0.2g. For grinding in **manual mode (or Purging)**, press and hold START until you reach the desired weight. Release the START button. To return to automatic mode, press STOP.

The etzMAX will go into **SLEEP MODE** after 4 hours of non-use. To reactivate the grinder, press any button on the User Interface.

SCALE ONLY

For using the scale independently from grinding, press **STOP** for at least 5 seconds. While in SCALE-mode, all LEDs stay illuminated and the Display shows 0.0 (Fig. 11). To return to weight-based-grinding, press STOP for 5 seconds.



Time-based Mode



Scale-only-mode

Time-based GRINDING (W-version)

To switch to time-based mode, simultaneously press **STOP and 1** for 5 seconds. The display will now show the time in seconds, while a vertical line on its left side indicates that you are in time-mode (Fig. 12). To return to WEIGHT-based grinding, press STOP and 1 for 5 seconds.

NOTE: From Scale-only-mode, the system will always return to the mode it was in before switching.

CLEANING the etzMAX

Cleaning Schedule: For commercial use, we recommend cleaning on a daily basis or after grinding 1000-1500g of coffee.

Rotate bean-blocker handle from OPEN to the front. Insert portafilter / place cup and clear grinding chamber by grinding until empty (8.5g). Remove portafilter.

Disconnect from power supply.

Push both locking levers backwards as far as they will go. Lift off hopper (ensure lid is closed) and place aside (Fig. 1). Close both locking levers. To remove portafilter holder, pull it off the hook. Mark down settings!



Remove adjustment by turning the macro-ring counterclockwise (Fig. 14) until you feel no more resistance. Slowly pull it downwards and out (Fig. 15).

To clean grinding chamber, insert bottlebrush from above through the hopper opening. Use small brush to clean the coneholder. If removing coneholder for cleaning, ensure it's perfectly snapped in when reassembling.



Fig. 16

Reassemble adjustment in reverse order (reposition at 8 o'clock, see marking before mounting, Fig. 16). Once snapped in properly, turn and return to your previous settings. Insert portafilter holder / platform onto center hook (Fig. 5).

Open locking levers (Fig. 1), place back hopper and close locking levers (Fig. 2). Carefully rotate bean-blocker handle all the way to the back to OPEN position (Fig. 2). Connect to power supply.

NOTE: To remove remaining coffee powder (stuck in between the sealings), occasionally (after cleaning) turn macro ring to finest setting (Click 1) with the **empty grinder running** and back to your settings.

NOTE: To clean the grinder or in case of clogging, IT IS NOT NECESSARY to open the top cover lid. The lid only needs to be opened to replace etzJET (grinding mechanism) or User Interface.

PLEASE NOTE

OPERATION CYCLE

Maximum permissible operating cycle LIGHT/M: **1-1.5 double espresso à 16g/min**

Maximum permissible operating cycle PLUS: **2 double espresso à 18g/min**

(depending on roast/setting - also see Risk of Motor-Overheating)

Maximum permissible running time: **30 seconds followed by a 5 min cool-off-break**

RISK of (Motor-) Overheating

The motor is equipped with a heat detector turning it off automatically **when reaching 75°C** and back on at 65°C.

Before reactivating the Machine Safety Switch after triggering, ensure to identify and eliminate the cause for its triggering (blockade)!

Clean your etzMAX regularly, especially before/after longer periods of non-use!
(Stiffened coffee powder may cause clogging/jamming)

If used with Espresso-cones (LIGHT/HIGH), we recommend settings from 3 to 8 (don't go beyond 16). Do NOT grind light/hard beans at setting 1!
(Finer/coarser settings may cause blockades or damage to the Adjustment)

NOTE: The Main Switch (ON/OFF = Circuit Breaker) is located at the bottom of the grinder. When not in use, it is **NOT** necessary/recommended to turn off the grinder, as – after 4 hours of non-use - it will go into SLEEP MODE automatically. Press any button to reactive the grinder!

For more information, consult our Operating Manual (Download from Website: etzinger-ag.com), read our FAQs, watch our Video Tutorials and/or contact us via Email: support@etzinger-ag.com.

THANK YOU for grinding at **etzMAX** 

SAFETY INSTRUCTIONS

Please read the information below very carefully. It contains important safety information for this grinder. Please keep these instructions for future reference.

- ✓ **Use only with AC current and the correct voltage.** See the label on the base of the grinder to determine the correct voltage.
- ✓ **Only use the grinder for its intended purpose, the grinding of roasted whole coffee beans.**
- ✓ Clean the grinder housing with a dry or slightly damp cloth. **Do not immerse the grinder, any parts, plug or cord in water or any other liquid.**
- ✓ **Do not touch the grinder with damp or wet hands and never operate it when barefoot.**
- ✓ **Keep the grinder and its cord out of reach of children aged less than 8 years as well as pets.**
- ✓ **Do never operate the grinder with a damaged cord or plug.** Regularly inspect your grinder. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- ✓ **Do not leave your grinder unattended** during grinding.
- ✓ This grinder can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the grinder in a safe way and understand the hazards involved.
- ✓ **Cleaning and user maintenance** shall not be made by children without supervision by a qualified person. **Maintenance and repair work** to be carried out by manufacturer, its service agent or qualified persons only.
- ✓ **Always unplug the grinder** from the electrical supply before assembling, disassembling, repairing or cleaning. To unplug grasp plug and remove from outlet. **Never pull on the cord.**

DISCLAIMER OF LIABILITY

ETZINGER Engineering & AG will not accept any liability for damage, injury or warranty if the grinder is used other than for its intended purpose, the grinding of roasted whole coffee beans, or is improperly operated or repaired.

For more information contact us via Email: support@etzinger-ag.com