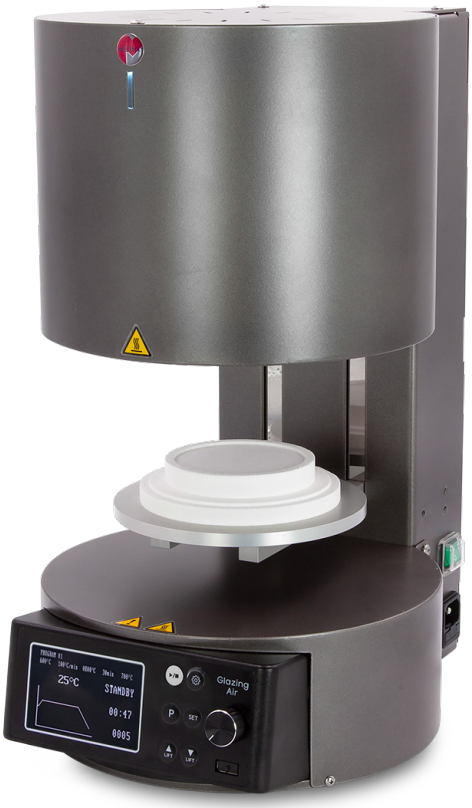
MESTRA

GLAZING AIR

USER MANUAL

Check out the
Glazing Air usage videos!



MESTRA

Danger and Precautions



The following is to protect the safety of users and prevent property damage.

Danger: Failure to comply with the warnings below can cause electric shock, injury, fire, failure, and explosion. The user may die or be seriously injured.

Power

Do not bend power cord by force or let the power cord pressed by heavy stuff.
There is a risk of fire or electric shock.

Make sure to use a socket with a ground terminal. There is a risk of electric shock, fire, and failure.

Do not touch the unit or power cord with wet hands. there is a risk of fire or electric shock.

Use

Do not keep or use flammable materials near product. There is a risk of fire.

Do not disassemble or repair or remodeling the unit arbitrarily.
There is a risk of fire or electric shock.

Do not touch the unit surface during operation because it is hot. There is a risk of burn.

Make sure to use the tongs to put out the tray from the chamber after operation.
There is a risk of burn.

Do not apply any physical impact to the unit or pull the door excessively.

The following is to protect the safety of users and prevent property damage.

Caution: Failure to comply with the precautions below may result in injury or property damage to the user.

Power

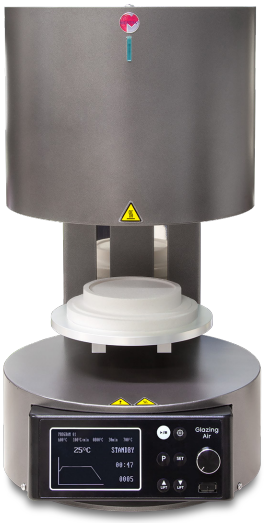
- This unit is only available at AC 220-240V, 50/60Hz. It should be operated in a place of constant voltage.
- If you plan to use this product in an environment other than 220–240V, 50/60Hz, a step-up transformer is required. For related details, please contact the manufacturer or seller.
- For the safety, turn off power and unplug the unit, when not using it or there's thunder and lightning

Use

- Fine cracks may occur inside the insulation, but there is no problem with the quality and if you have any questions, please contact seller or manufacturer.

Specification and installation

▶ Specification



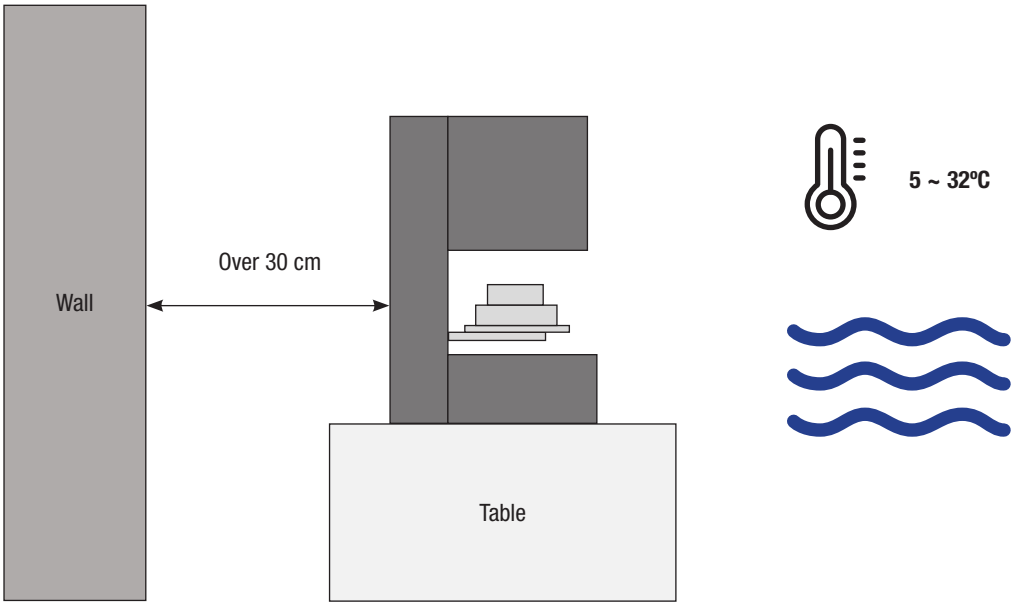
Rating power	MAX 1.3KW
Insert power source	AC 220~240V 50/60Hz
Fuse	10A
Weight	13kg
Dimension	W246 x D319 x H434
Max. temperature	1,000ºC

▶ Installation

※ Place the unit more than 30 cm away from the wall.

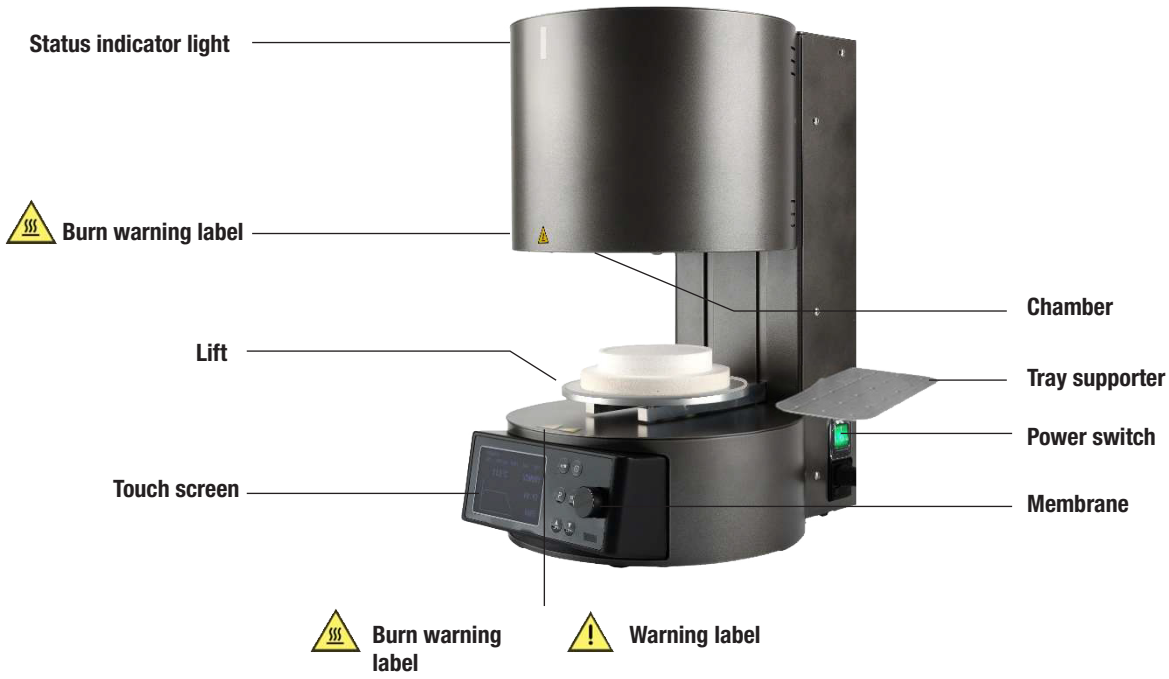
※ Operate the unit in only room temperature span from 5ºC to 32ºC.
Do not use it outside this temperature range.

※ Install the product in a well-ventilated location to ensure proper airflow.



Product description

▶ Product description



▶ Components

Tray



Firing Tray 1EA



Firing tray pin 20EA

Tray supporter



Tray supporter 1EA



Tray supporter bolts 3EA

Other components



Tong 1EA



Power cord 1EA

User interface



▶ **Display**

ⓐ Program Name.

ⓑ 'Starting temp.' – 'Rising temp. per min.' – 'Max temp.' – 'Max temp. holding time' – 'lift down temp.'

ⓒ Temp. in chamber

ⓓ Operation Status : Standby, Drying, Cooling etc.

ⓔ Remaining time : Running time (except cooling time)

ⓕ Number of Cycles

ⓖ Graph

▶ **Button**

① Start/Stop

② Product Setting

③ Program selecting

④ Program setting

⑤ Lift up

⑥ Lift down

⑦ Dial

⑧ USB

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Tray supporter installation

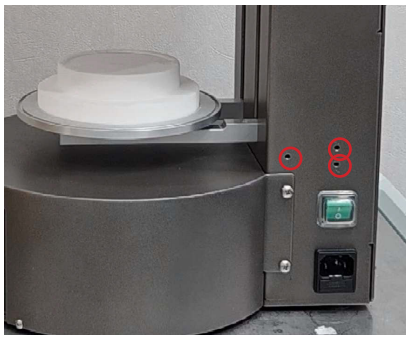
▶ What is “Tray supporter



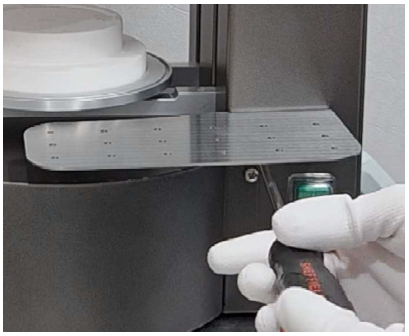
Tray support is the supporter for holding the firing tray.

It can be installed on either the left or right side of the product.

▶ Installation for right side



For the right side, there are three slots above the power button.



Align the tray supporter with the indicated slots and install it



Installation completed

▶ Installation for left side

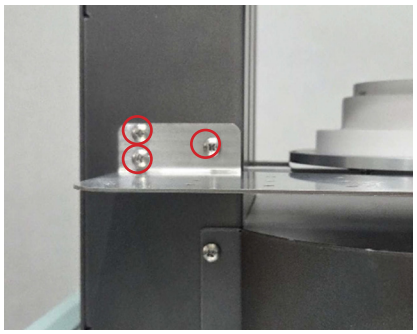
※ For the left side, the tray stand orientation is reversed from the right side.



For the left side, there are three slots on the left side of product.



Align the tray supporter with the indicated slots and screw it.



Installation completed.

PRE-HEAT

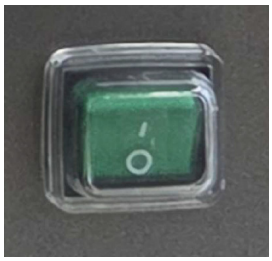
▶ What is PRE-HEAT?

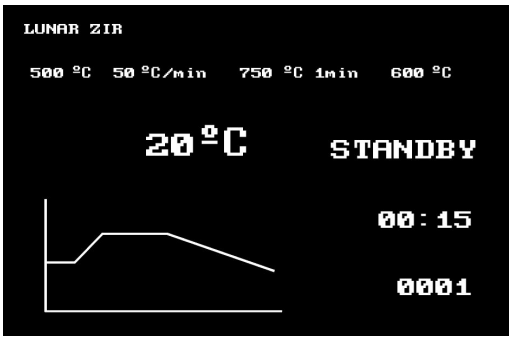
PRE-HEAT function to raise the chamber temperature in advance before operation.

※ This function applies to all settings independently of the schedule.

▶ Default setting

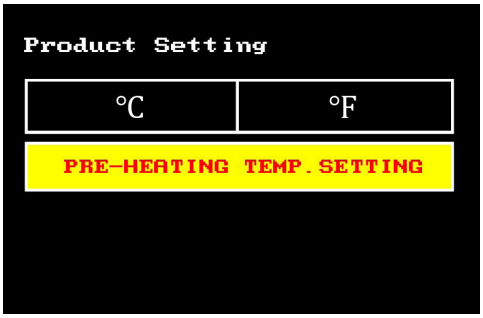
When powered on with the default settings, the status is “STANDBY”,
And PRE-HEAT doesn’t operate.





▶ if you want to use PRE-HEAT?





① Press the SETTING button

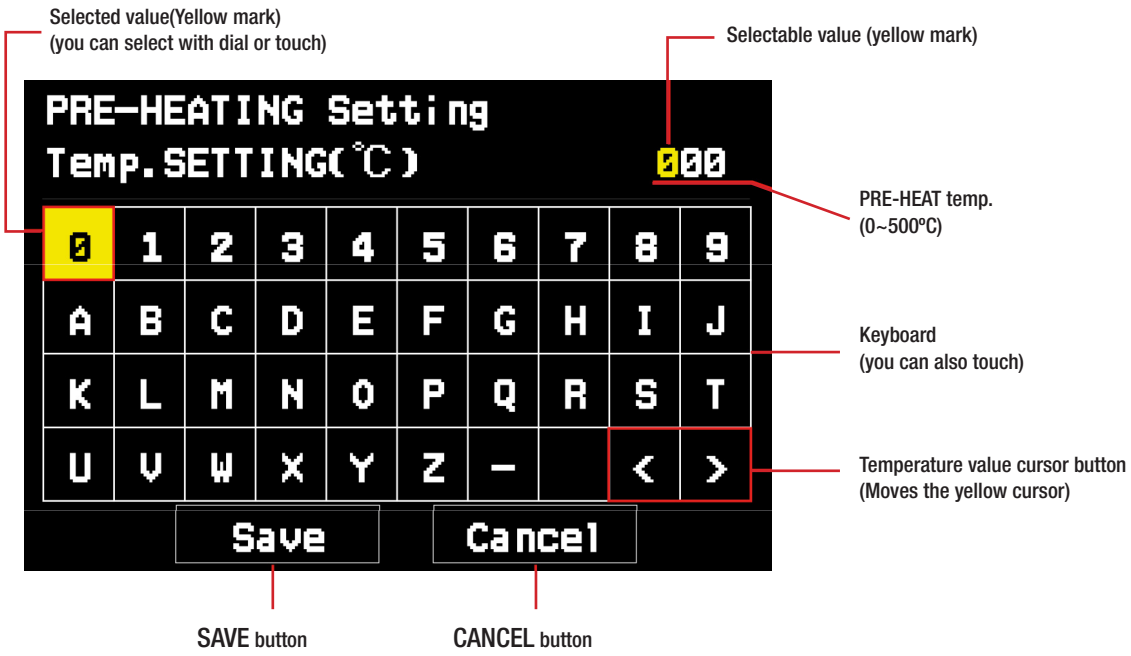
② Press PRE-HEATING TEMP. SETTING button



③ Select the desire value with dial or touch and click the SAVE button
(See the next page for the settings page description.)

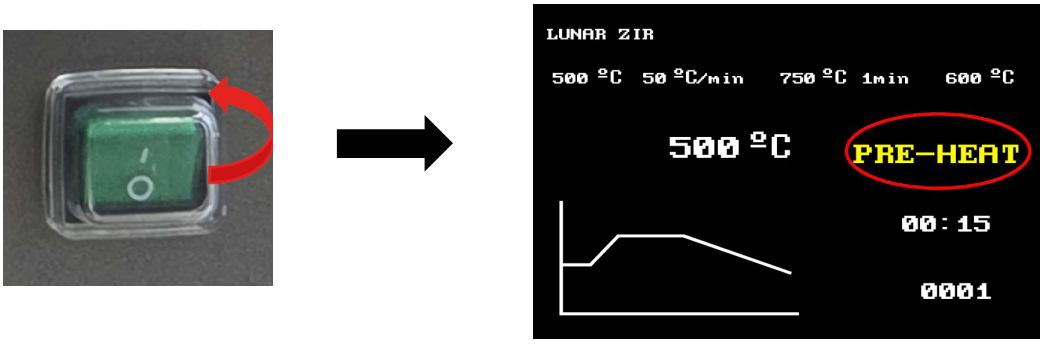
PRE-HEAT

▶ **Setting page description**



▶ **If you're using PRE-HEAT?**

Automatically preheats to the set temperature when powered on.



▶ **If you don't want to use PRE-HEAT?**

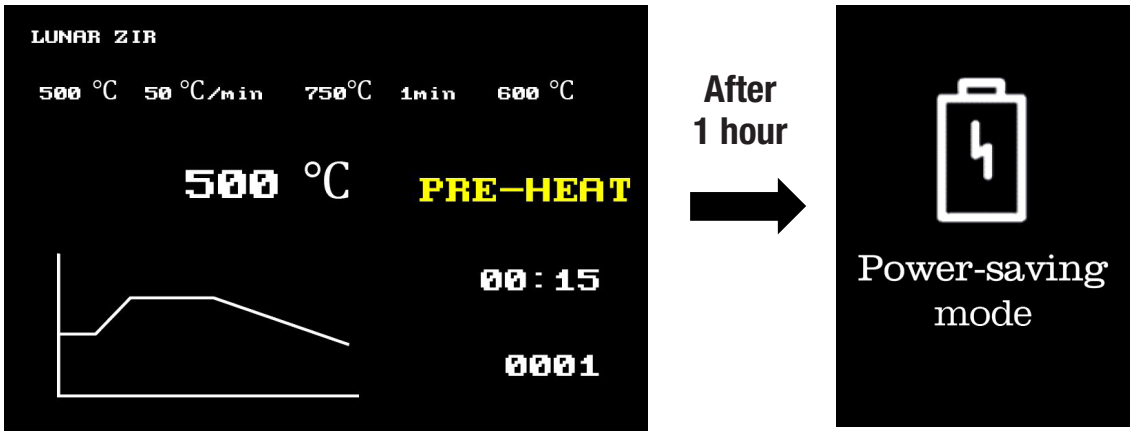


If the PRE-HEAT value is set to 0, PRE-HEAT doesn't operate.

PRE-HEAT

▶ Power-saving mode : If the PRE-HEAT state continues for a certain period,
The unit enters power-saving mode and stops heating.

▶ The PRE-HEAT temperature is above 0°C
the unit enters power-saving mode after 1 hour in PRE-HEAT.



▶ The PRE-HEAT temperature is 0ºC
the unit enters power-saving node after 10 minutes in PRE-HEAT.



▶ Exiting power-saving mode:
Touch the screen or press a button to exit power-saving mode.



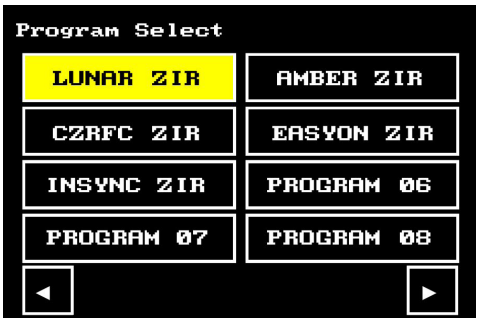
Program selection

▶ What is program?

Stores frequently used schedules by program. Up to 32 programs can be saved.

▶ Program selection





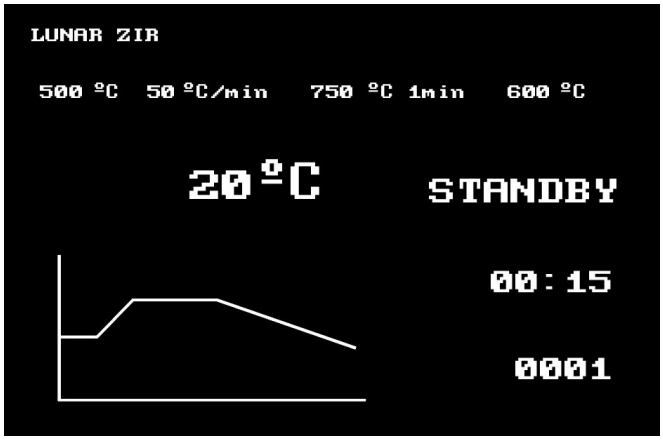
① Press the PROGRAM button

② Turn the dial and select the program.

(Select between program 1~32)



③ Press the dial to select it.



④ Selected program is displayed on the screen.

Program selection

▶ How to set the program



① Press the PROGRAM button

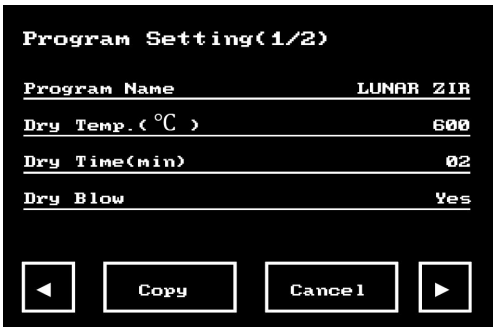


② Turn the dial and select the program.

(Select between program 1~32)



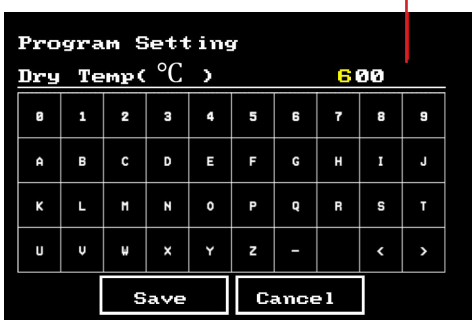
③ Press the
PROGRAM SETTING button.



④ Access to Program setting page

(See the next page for the settings page description.)

Yellow part indicated the value currently available for adjustment.

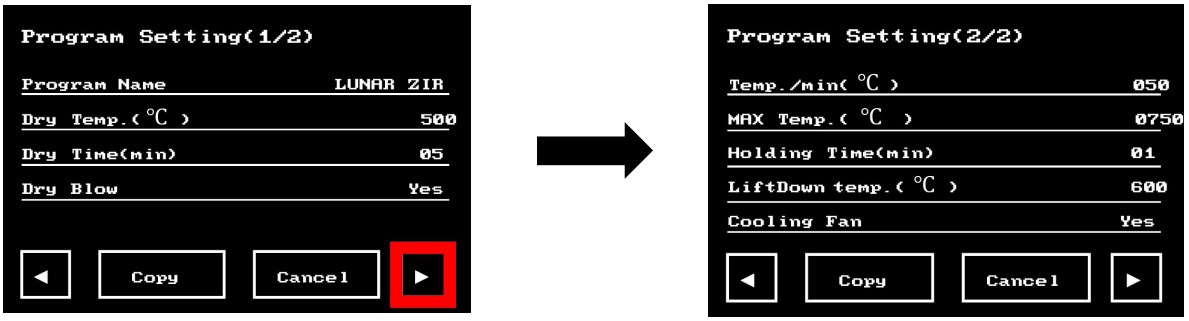


⑤ When you select the item you want to set, the settings page appears as shown above.



⑥ Press SAVE button
after select completed.

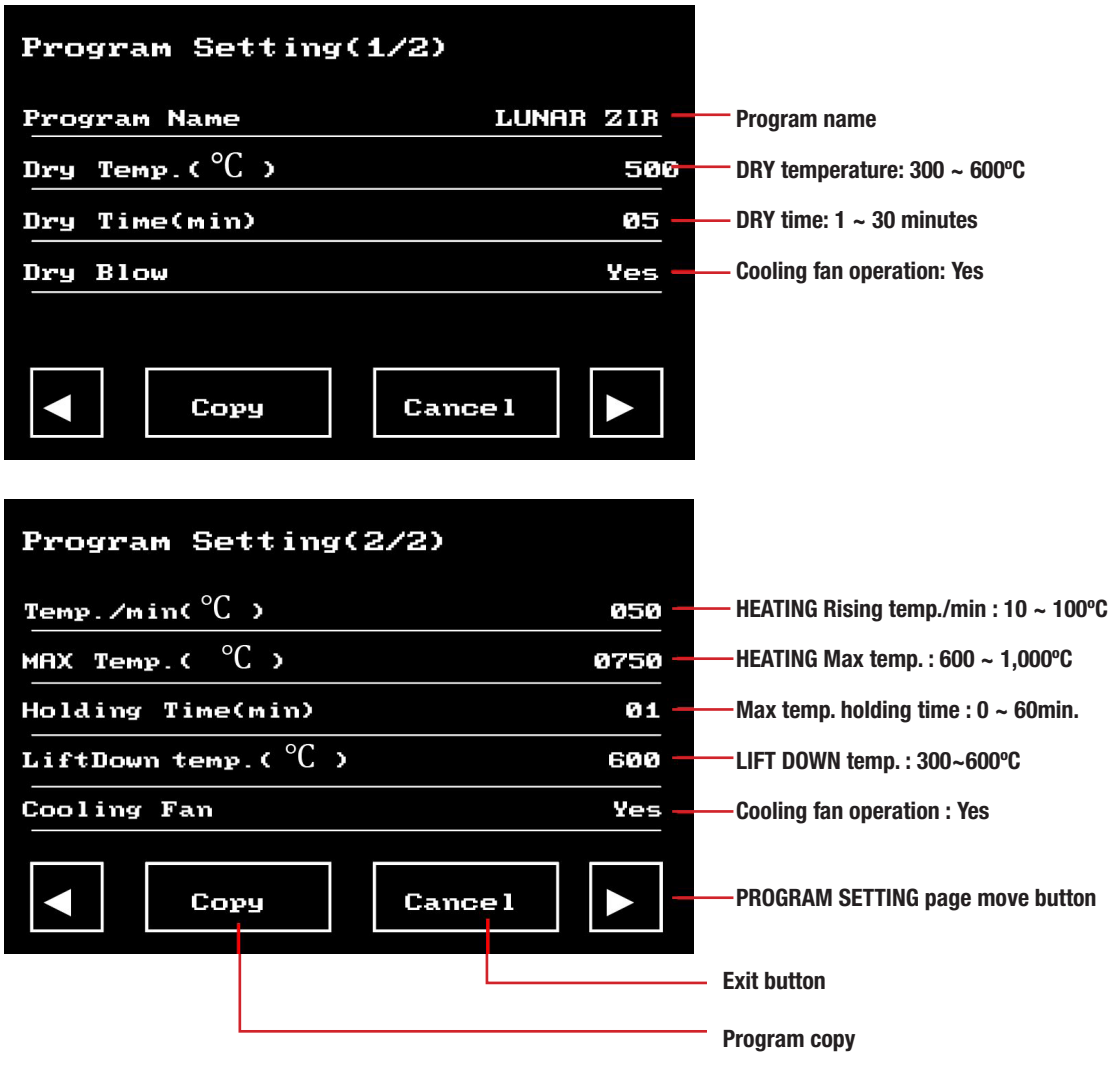
Program selection



⑦ After making a selection, press the ▶ button to move to the next setting window.

⑧ Repeat steps ⑤ - ⑥ until the desired values are set.

▶ Setting page description

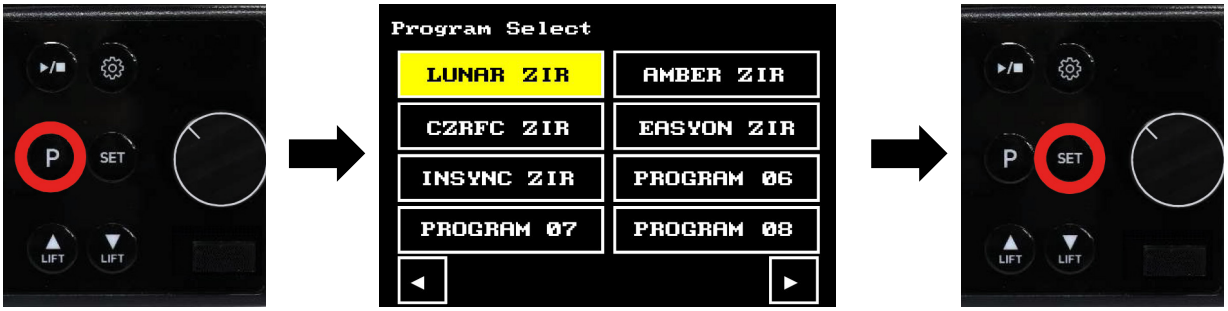


Program copy

▶ What is program copy?

Used to copy the values of a specific program to another program.

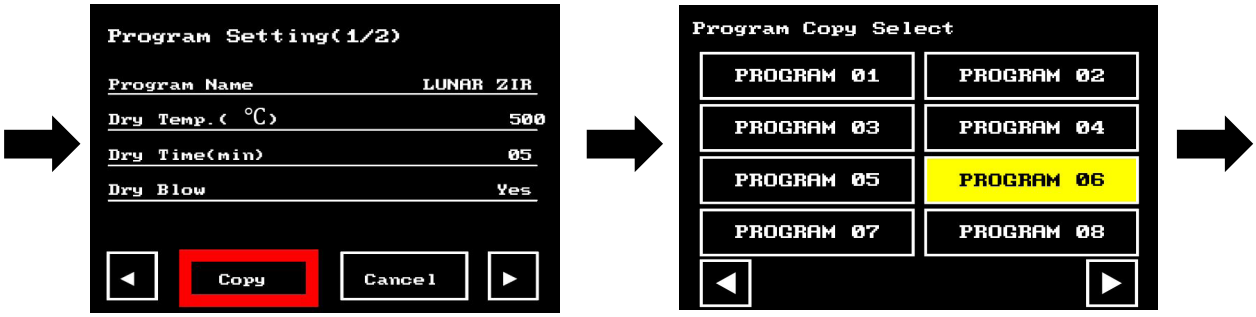
▶ How to copy the programs



① Press the PROGRAM button.

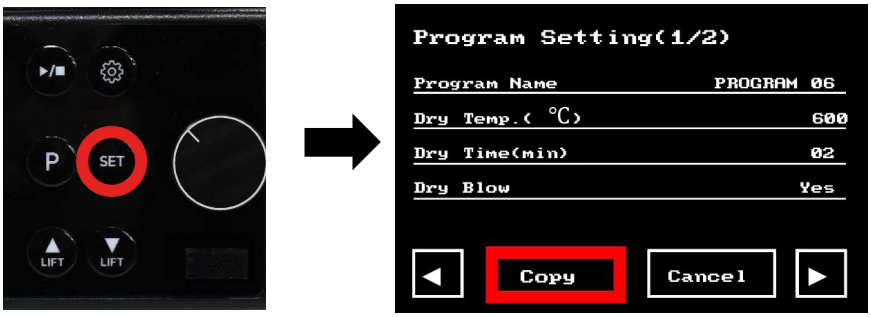
② Turn the dial and select the program.

③ Press the PROGRAM SETTING button.



① Enter the program setting page and press the COPY button to copy the values.

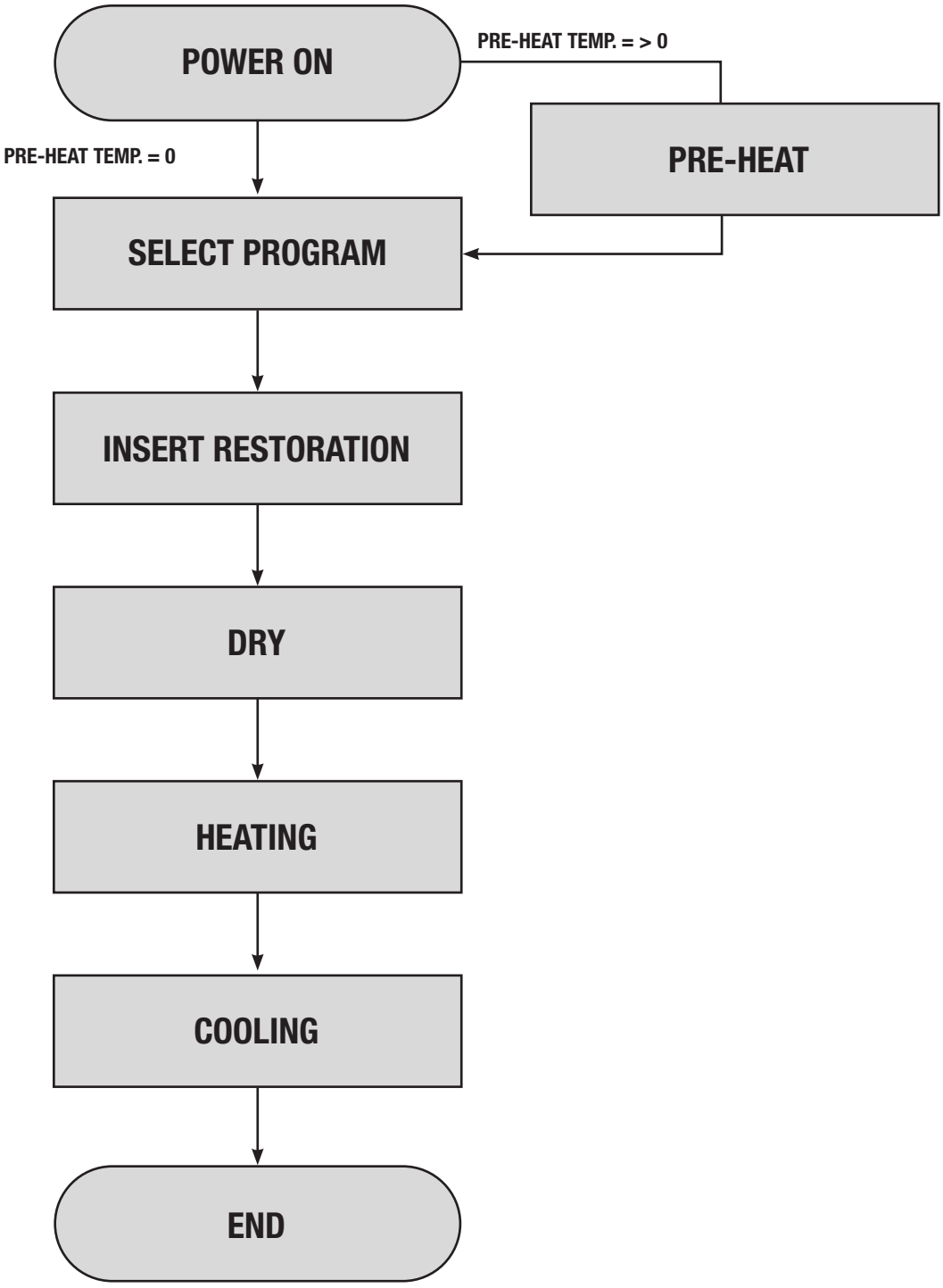
⑤ Turn the dial to select the program where you want to paste them.



⑥ Press the PROGRAM SETTING button.

⑦ Press the COPY button to paste the values.

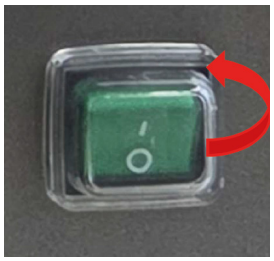
Operation flow chart



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USING INSTRUCTION

▶ Using flow (※ based on LUNAR ZIR)



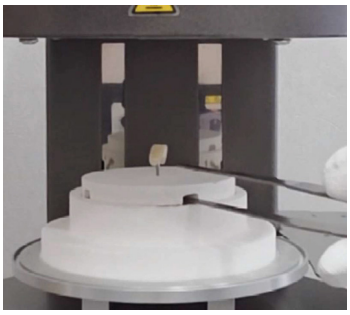
① Power on



② Select the program



③ Place the sintered material coated with glazing liquid on the firing tray.



④ Place the firing tray into the circular groove of the insulation material.

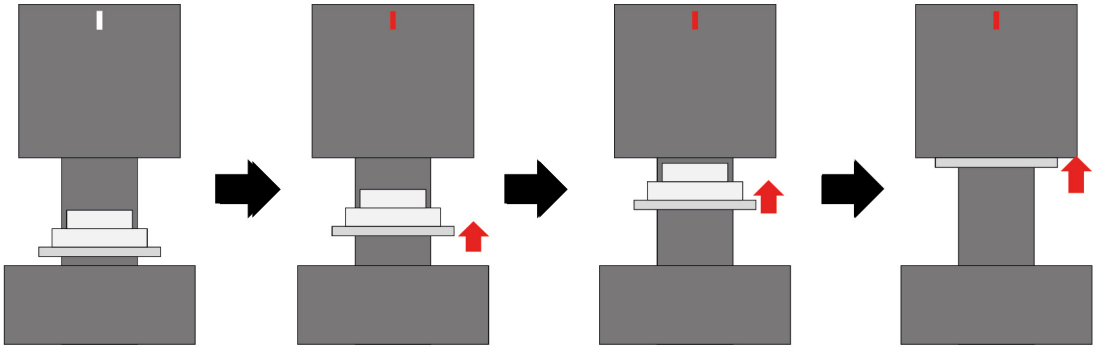


⑤ Press the START/STOP button to begin the program.



⑥ The lift rises step by step during the DRY stage.

Lift position changes during the DRY stage

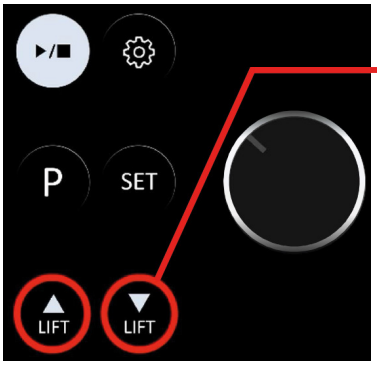


STAND BY	At the start of operation: First Lift up	When the DRY temp. reaches 450°C: Second Lift up	When the set DRY Temp. is reached: Third Lift up
Room temperature	Room temperature	450ºC	500ºC

※ ex. Chamber temp. during LUNAR ZIR

USING INSTRUCTION

※ If you want to adjust the lift height during DRY, press the Lift UP or DOWN button.



Press once → Lift up/down

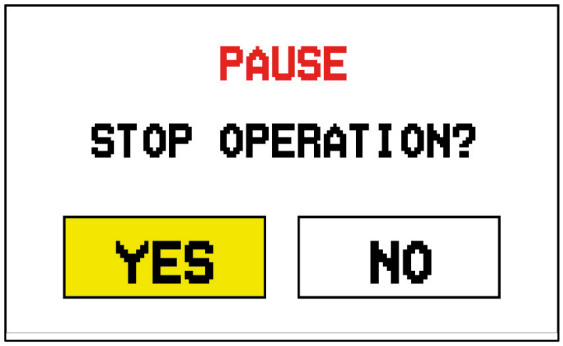
Press again → Lift stop

※ If you want to DRY longer than the set time?

Press PAUSE to DRY for the desired duration.

※ There is no time limit, so be cautious of overheating ※



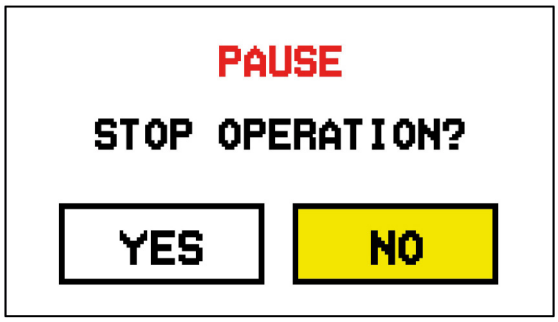


① Press START/STOP button during DRY status

② As message appears as shown above, the operation is paused.



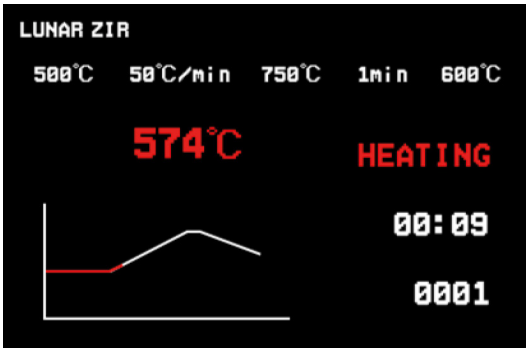
③ In PAUSE mode, heating is maintained and only the time can be extended.



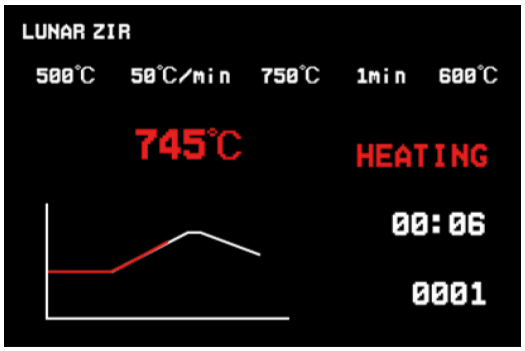
③ To exit PAUSE mode, press the “NO” button.

USING INSTRUCTION

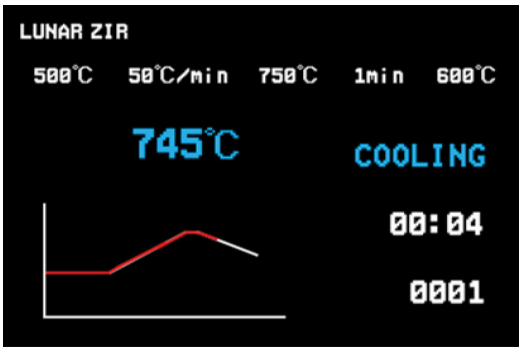




⑦ When the set DRY temperature is reached, the lift fully closes and the unit enters the HEATING stage.

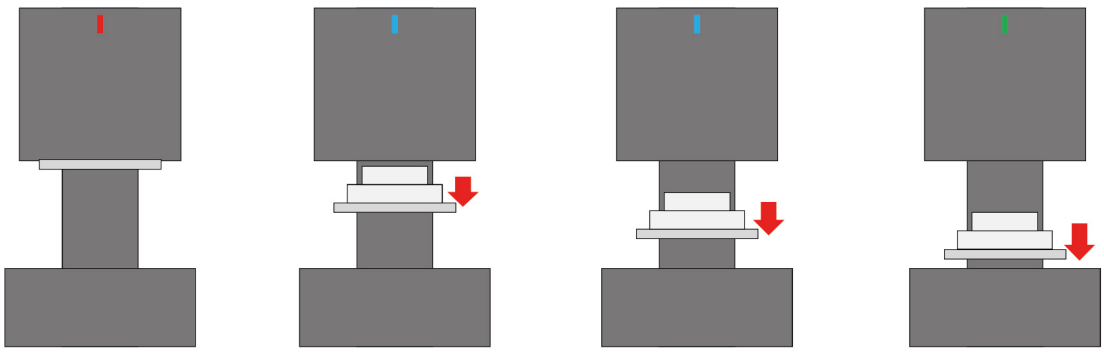


⑧ During the HEATING stage, the lift remains closed as the temperature rises to the Max temperature and is held.



⑨ After the max temperature holding time ends, the unit enters the COOLING stage.

Lift position changes during the COOLING stage

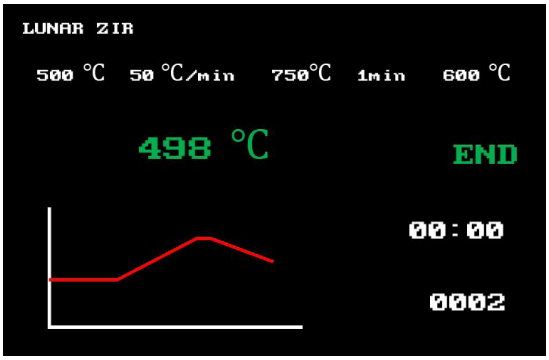


HEATING	When the LIFT DOWN temperature is reached: First Lift down	When the temperature reaches LIFT DOWN -50°C: Second Lift down	When the temp. reaches LIFT DOWN -100°C: Third Lift down

※ ex. Chamber temp. during LUNAR ZIR

500 ~ 750°C	600°C	550°C	500°C	500°C

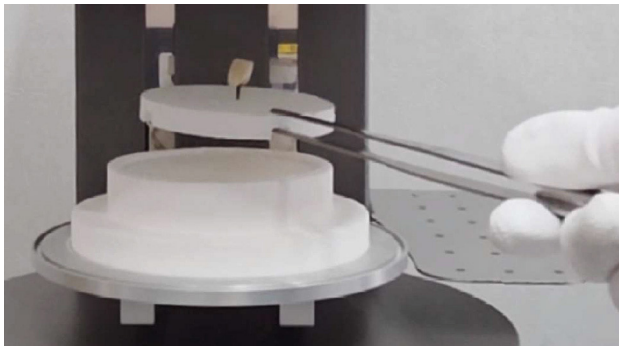
USING INSTRUCTION

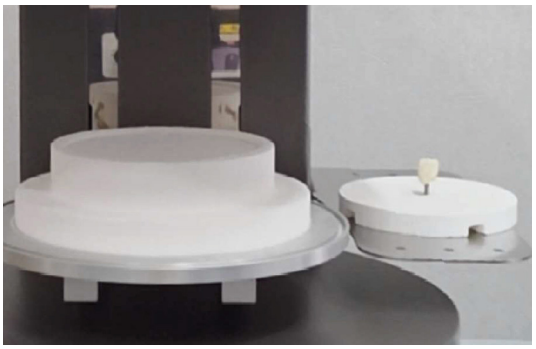


⑪ When the temperature reaches LIFT DOWN –100°C (500°C in this example), the lift fully lowers, the unit enters the END stage and a buzzer sounds.



⑫ Press the Start/Stop button to return to STANDBY and silence the buzzer.



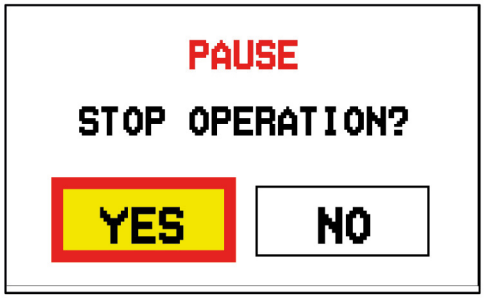


⑬ Place the firing tray on the tray supporter to cool.

▶ Place the firing tray on the tray supporter to cool.

If you want to stop operation during use, press the Start/Stop button and select “YES” in the pop-up message.





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MEMO

GLAZING AIR

USER MANUAL

MESTRA

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