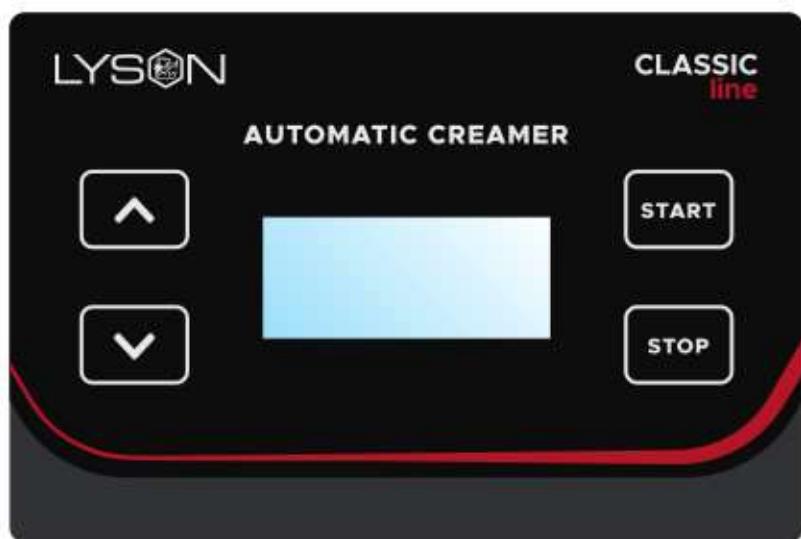


Instructions manual

C-05 Creamer Controller



Przedsiębiorstwo Pszczelarskie Tomasz Łysoń

Spółka z o.o. Spółka Komandytowa
34-125 Sułkowice, ul. Racławicka 162, Polska
www.lyson.com.pl, email: lyson@lyson.com.pl
tel.33/875-99-40, 33/870-64-02
Headquarters: Klecza Dolna 148, 34-124 Klecza Góra

Table of contents

1. General safety instructions
 - 1.1. Electrical safety
 - 1.2. Operation safety
2. Product description
3. Functions and programming
 - 3.1. Setting total time of creaming cycle
 - 3.2. Setting creaming process time intervals
 - 3.3. Setting mixing speed
 - 3.4. Starting and stopping
 - 3.5. Automatic stop function (creaming process finish or open cover)
 - 3.6. Setting display contrast
4. Error Codes
5. Technical specifications
6. Waste disposal and environmental protection
7. Warranty

1. General safety instructions

Before first use read the manual carefully and follow the instructions contained therein. The manufacturer is not liable for damage caused by equipment used inappropriately or by incorrect handling.

1.1. Electrical safety



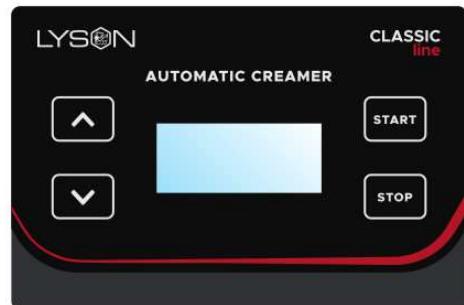
1. The electrical supply system must be fitted with a residual-current circuit breaker with rated tripping current not higher than 30mA. Performance of the circuit breaker should be checked periodically.
2. Periodically check the condition of the power cord. Replace the power cord if damaged. Replacing the power cord can only be performed by the manufacturer or by qualified personnel.
Do not use the device if the power cord is damaged!
3. Make sure that the main switch is in „0” position before plugging the unit in.
4. Connect the device only to a socket with voltage specified on the rating plate of the product.
5. Carefully connect the plug into the mains socket. Make sure your hands and the floor surface in the room are dry!
6. Do not pull the power cord.
Keep the power cord away from heat sources and sharp edges to ensure its good condition.



1.2. Operation safety

1. The device is not intended for use by persons (including children) with limited physical, sensory or mental abilities, or by inexperienced users, unless under supervision or with instructions given by an accountable party.
This device is not a toy, and shouldn't be used as one. Children should not play with it.
2. In the event of damage to the device, to avoid any health and safety risks, repairs should be carried out only by qualified personnel.
3. Never carry out any maintenance or repairs during operation
4. Do not use the device near flammable materials.
5. For indoor use only. The device is not suitable for outdoor use.
6. If the device has been moved from a cold room to a room with a higher temperature, before switching on wait until it reaches room temperature.

2. Product description



After switching the device on, the controller displays information about the model name and the software version. After a few seconds the display shows total working time.

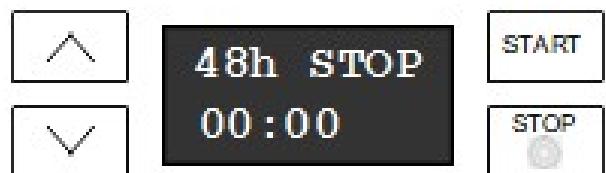


3. Functions and programming

The controller allows offers an option to program a custom work cycle which consists of parameters like the total creaming time, work intervals, mixing speed, and additionally, it is possible to adjust the display's contrast.

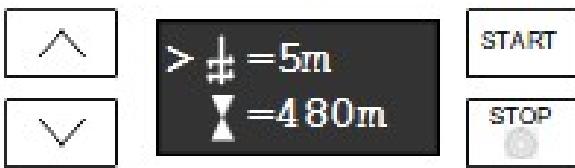
3.1. Setting total time of creaming cycle

Close the cover of the creaming machine and stop the work cycle (STOP mode). Set the total creaming time with up / down buttons.



3.2. Setting creaming process time intervals

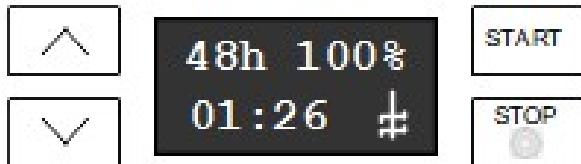
Close the cover of the creamer, press the STOP button and keep it pressed for more than 5 seconds to enter the settings mode, then release the STOP button. The display shows two parameters of work intervals: mixing time (upper row) and standstill time (lower row).



Use the up/down button to select the parameter to be modified, and confirm the selection with the START button, modify the parameter's value with the up/down button. Press the STOP button couple of times to exit the settings mode.

3.3. Setting mixing speed

Close the cover of the creaming machine, press the START button, to start the work cycle. Adjust the mixer speed using the up / down buttons.



3.4. Starting and stopping

Close the cover of the creaming machine, press the START button to start the work cycle, or the STOP button to stop the cycle. Pressing the STOP button again after stopping the creaming cycle will reset the time elapsed since the start of the creaming cycle.



The value of the set total work cycle time is displayed in the upper left section of the display. The elapsed time since the cycle start is displayed in the lower left section of the display.

The value of the mixing speed is displayed alternately with the word STOP, in the upper right section of the display. The mixer symbol in the lower right section of the display indicates the current state of the mixer (active/inactive).

3.5. Automatic stop function (creaming process finish or open cover)

- Automatic stopping**

When the cycle's preset time has elapsed, the device automatically switches off. The display shows the preset time and the time that elapsed during the execution of the cycle. Both values should be identical, which means that a full cycle has been performed.



- Stopping by opening the cover**

Opening the cover of the creaming machine interrupts the creaming cycle. If at the moment of opening the cover the mixer of the machine is in motion it gets automatically stopped and the display shows the time elapsed since the creaming cycle start. Closing the lid resumes the creaming cycle.



If the STOP button is pressed after opening the cover open, the creaming cycle gets stopped and reset (in this case the creaming process will not restart automatically after closing the cover back).

The elapsed time value is reset to zero.

3.6. Setting display contrast

In order to adjust the contrast of the controller's display:

- set the creaming time to 1h,
- press and hold the **STOP** button, and the up or down button.

4. Error codes

In the event of detecting any errors or malfunctions of the controller the message "ERR STOP" is displayed along with the error code. The controller can be restarted again only after: switching off the power supply, resolving the error's cause and switching the power supply back on again.



ERROR CODES:

- 1 – controller's internal error
- 2 – pressed / stuck **DOWN** button
- 3 – pressed / stuck **UP** button
- 4 – pressed / stuck **START** button
- 5 – pressed / stuck **STOP** button
- 6 – inverter's error or inverter connection error

5. Technical specifications

Mixer's work time adjustment range: 5–15 min
Mixer's standstill time adjustment range: 45–480 min
Total work cycle time adjustment range: 1–99 hrs
Mixer's speed adjustment range: 50–100 % (18–36 RPM)
Power supply voltage: 230V

The product purchased from the Lyson Company is covered by a manufacturer's warranty. The warranty period is 24 months from the date of purchase.

All purchased products come with receipts or VAT invoices.

Warranty details at:

www.lyson.com.pl

6. Waste disposal and environmental protection

The used product must be disposed in accordance with the local regulations. Return the device to a collection point from where it can be submitted for environmentally compatible recycling.

The consumer has the right to return used equipment directly to the manufacturer's distribution network, free of charge, while replacing it with a new unit as long as the used device is of the same kind and same application as the newly purchased device.

7. Warranty

