

# Instructions Manual

**4-chamber wax melter with water jacket and thermo-insulated cover.**



# LYSON

**Przedsiębiorstwo Pszczelarskie Tomasz Łyson**

Spółka z o.o. Spółka Komandytowa

34-125 Sułkowice, ul. Raclawicka 162, Polska

[www.lyson.com.pl](http://www.lyson.com.pl), email: [lyson@lyson.com.pl](mailto:lyson@lyson.com.pl)

tel. 33/875-99-40, 33/870-64-02

Headquarters: Klecza Dolna 148, 34-124 Klecza Górna

**This manual covers following devices (codes):**

**W4098\_SV**

### **Table of contents**

1. General safety rules
  - 1.1. Electrical safety
  - 1.2. Operation safety
2. Product description
  - 2.1. Design
  - 2.2. Technical specifications
3. Temperature controller
  - 3.1. Setting up the temperature
4. Storage
5. Maintenance and Cleaning
6. Waste disposal and environmental protection
7. Warranty



# 4-chamber wax melter with water jacket and thermal-insulated cover.



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. General safety instructions



### 1.1. Electrical safety

- Connect the device to a socket with voltage specified on the rating plate of the product.
- 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.
- 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!
- In the event of damage to the device, to avoid any health and safety risks, repairs should be carried out only by qualified personnel.
- 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

- 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.
- Ensure the floor surface on which the device is placed is dry
- Keep the cover on at all times during melting process
- Do not move the device during operation
- Protect against moisture
- Do not use the device near flammable materials.
- Never carry out any maintenance or repairs during operation
- For indoor use only. The device is not suitable for outdoor use.

### **WARNING!!!**

The device's outer casing gets HOT during operation

## 2. Product Description

The device is designed to melt bee wax. Its construction allows to heat the wax up evenly by the whole internal surface of the device's walls. The melter is divided into 4 separate chambers. Each chamber has a dedicated drain valve.

### **WARNING!!!**

Regularly check the water level of the water jacket. Do not use water under pressure while refilling the heating system. Use free flowing water and a funnel.

### 2.1. Design

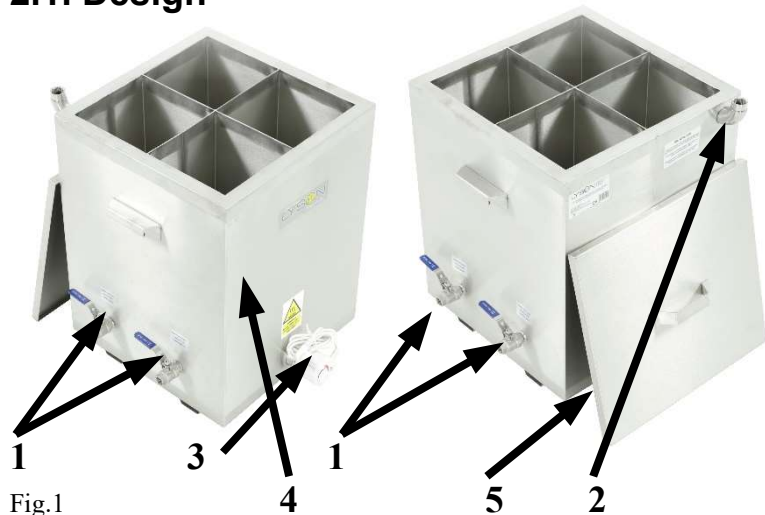


Fig.1

#### Features:

- 1- 1/2" ball drain valve-4 pcs.
- 2- bleed nipple 3/4", max. water level in the heating system, refilling water
- 3- heating element with temperature regulator
- 4-melter's tank
- 5-insulated top cover

## 2.2. Technical specifications:

- made of acid resistant stainless steel
- power supply (3) – 230V
- heater's power output– 2000W
- temperature adjustment range 0 to 80°C
- drain valve 1/2" ball (1) – 4pcs.
- total capacity – 80 Litres
- weight – 36 KG.
- Chamber dimensions: L\*W\*H  
200x200x500mm
- Outer dimensions: L\*W\*H  
600x600x680mm

### **WARNING!!!**

Regularly check and refill water in the heating system through the bleeding nipple (2)

## 3. TEMPERATURE REGULATOR

The device is equipped with a heater element with temperature control in the range of 0 to 80°C and power 2000W.



### 3.1. Setting the temperature

1. Before plugging the device in to the mains outlet, fill the heating system with water through the bleed nipple (2 on Fig.1.) Make sure that the heater is switched off.
2. The dial of the heater element should be in the minimum position on the scale (off).
3. After plugging the device in to the mains outlet, turn the dial on the heater panel up to the desired temperature and check the temperature from time to time during the melting process with a thermometer (not included).
4. If necessary, adjust the temperature using the dial of the heater.

## 4. Storage

Clean and dry the unit thoroughly after use.

If the device has been moved from a cold room to a room with a higher temperature, before switching on wait until it reaches the ambient temperature and all condensation water evaporates.

Store the device in a dry and frost-free room.

Do not use the device when the ambient temperature is below 5°C.

**An additional technical check should be carried out periodically, and if any defects are found, please contact the manufacturer.**

## 5. Cleaning and maintenance



### **IMPORTANT!**

**Unplug the device from the power supply outlet before performing any maintenance.**

Before first use and after finishing work the equipment must be thoroughly cleaned and dried.

Wash using hot water and cleaning agents approved for food industry.

While cleaning ensure the safety of all electrical components like motors and controller panels (for the time of washing cover them with waterproof fabric or plastic film).

No parts of the device require chemical conservation.

## 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

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](http://www.lyson.com.pl)