

# Instructions manual

## Wax Steriliser 50l.



**LYSON**

**Przedsiębiorstwo Pszczelarskie Tomasz  
Łysoń**

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

**W7064P**

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*\*Product photos are illustrations and may sometimes differ from the actual appearance of the item. However, this does not change their basic properties.*

# 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. Intended use

1. The steriliser is designed for melting wax.
2. Before the first use, the sterilizer should be filled with heating oil, washed and set on the place where it will work.



## 1.2. 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. Make sure that the nominal voltage of the device and power source are compatible.
  3. 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!
  4. Before switching the unit on, ensure that the potentiometer knob on the heater (G) is in the "0" position and the tank has been filled with heating oil.
  5. Carefully connect the plug into the mains socket. Make sure your hands and the floor surface in the room are dry!
  6. The unit may only be moved using the handles.
  7. Do not move the device during operation.
  8. Protect the electrical components against moisture (also during storage).
  9. Do not pull the power cord.
- Keep the power cord away from heat sources and sharp edges to ensure its good condition.



## 1.3. 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 to play with it.

2. When using the device beware of the hot parts of the sterilizer and the heated wax inside.

3. When water has been used in the wax melting process, it must be poured out of the steriliser as soon as the wax reaches 90 °C.

4. Never carry out any maintenance or repairs during operation or if the device is plugged in!

5. Do not use or store the device at the ambient temperature below freezing.

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

The steriliser is made entirely of acid resistant stainless steel with externally insulated sides and cover. Its purpose is the process of melting wax at the right temperature to remove American foulbrood spores.

### 2.1 Design

Fig.1

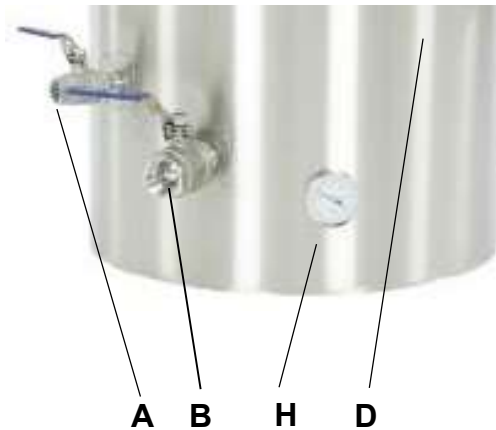




Fig.2

#### Elements:

- A-3/4" wax drain valve
- B-water drain valve 5/4"
- C-1/2" oil drain valve
- D-acid-resistant stainless steel tank 50L.
- E-**insulated** stainless steel tank lid
- F-Heating jacket bleeding / Heating oil tank filling point
- G-heater with temperature regulator
- H-thermometer

#### 2.2 Heater:

-heater G (fig.3) - power output of 2 kW and supply voltage of 230V with a built-in temperature regulator with adjustment range of 0-120 °C. The temperature is adjusted manually with a potentiometer.

#### 2.3 Technical specifications

- made of stainless steel, grade 1.4301 (AISI 304)
- capacity 50L
- the volume of the heating fluid 30L
- tank jacket insulated with mineral wool
- temperature regulator with a range of 0-120°C
- upper 3/4" drain valve
- bottom drain valve 5/4"
- heating oil drain plugged with 1/2" plug
- power rating 2kW
- power supply 230V

#### Tank dimensions:

- external tank height 530mm
- internal tank height 400mm
- outer tank diameter 500 mm
- internal tank diameter 400mm

### WARNING

The heating system of the tank must be filled **with heating oil having a boiling point of at least 230°C** up to the maximum height of the air vent (F).

#### Recommended heating oils:

- Texatherm HT22
- Mobiltherm 600 Series

### 3. Storage

Clean and dry the unit thoroughly after use. Store the device in a dry and frost-free room.

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

### 4. Cleaning and maintenance



**Unplug the device and let it completely cool down before commencing any maintenance or cleaning procedures!**

While cleaning ensure the safety of all electrical components (for the time of washing cover them with waterproof fabric or plastic film). Dry thoroughly after washing. An additional technical check should be carried out before the start of the pollen harvesting season, and if any defects are found, please contact the manufacturer

### 5. Waste disposal and environmental protection

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.

### 6. 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)