

# User Manual

## Pickling tank

### BL-625





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# 1. Introduction

These notes provide the necessary information for the correct installation, use and maintenance of the purchased machine.

## WARRANTY

TECHNOFLUX products are covered by a twelve-month warranty from the date of delivery to the customer. The misuse of the unit or an inappropriate stripping chemical product exempts this guarantee.

## TECHNICAL SPECIFICATIONS

Product reference: BAN0E0100

Tank capacity: 600 ml.

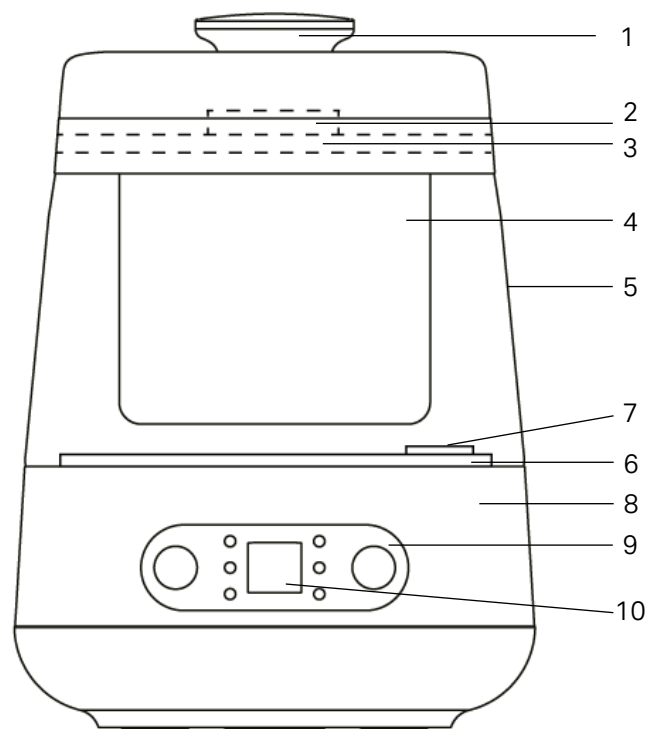
Heater power: 600W

External dimensions: 150 x 200mm.

Voltage: 220V / 50Hz

Weight: 970gr

- 1) Outer cover
- 2) Inner cover
- 3) Inner tank support
- 4) Internal tank
- 5) External tank
- 6) Heating plate
- 7) Thermal probe
- 8) Base set
- 9) Dashboard
- 10) Screen

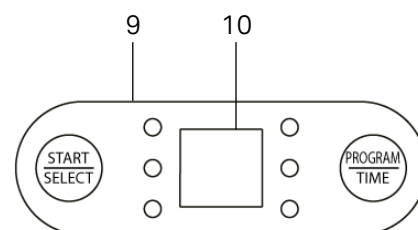


### The Keypad allows you:

- The switching on and off of the unit and the direct initiation of 6 preset programs.
- Schedule waiting time of these for a maximum of 24 hours.
- The visualization of the internal temperature and the remaining time to finish the program that we are using.

### Screen.

It will alternately show the different data that make up each program: partial or total time, temperature and status of these. Depending on its scheduling status, waiting or running.





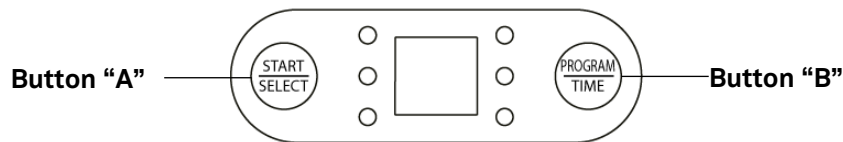
## 2. Description

The BL-625 pickling tank has been specially designed and built with the latest generation materials to guarantee its durability and energy efficiency. Mainly indicated for the pickling operation of noble metals after casting and welding operations, in addition to other various applications. The tank is equipped with various elements that allow us to program, control and visualize the process at all times, which we will comment on below.

We can divide Cuba BL-625 into three zones.

- The base: where the control elements are located: programmer, digital screen and keyboard.
- The central part: here the heating plate and the thermal probe are located in the lower part of the high-temperature glass tank and the outer lid.
- The internal tank: the resistant glass tank with support and the transparent lid.

## 3. Programmer Usage Guide:



**Button A:** It has various functions that allow us to start up the unit and navigate through the 6 pre-established programs. It also has the unit stop function. Start function: One press allows the unit to start automatically on the first program.

Navigation function: keeping it pressed allows you to go to any of the six programs and select it and it will then start.

Power off function: Two ways, the first: if we have a program running, pressing once turns off the unit. The second: if we press 7 times it will navigate to program 6, making the seventh press will turn off the unit

**Button B:** Allows you to program the waiting time for hours before starting the program. Waiting time function: Before starting the unit, we will press button B to select the waiting hours that we want to program and then by means of button A we will select the program.

Preset programs: these programs are made up of two time parameters expressed as a percentage of an hour and temperature. When we are in the program, its red LED lights up.

- Nº1 It consists of a total of 24 minutes and a temperature of 99 C°.
- Nº2 It consists of a total of 18 minutes and a temperature of 99 C°.
- Nº3 It consists of a total of 48 minutes and a temperature of 99 C°.
- Nº4 It consists of a total of 90 minutes and a temperature of 99 C°.
- Nº5 It consists of a total of 108 minutes and a temperature of 99 C°.
- Nº6 It is formed by a total of 12 hours and a temperature of 45 C°.



## 4. User guide.

Read the entire manual carefully, remember for your safety that you will be handling metals and liquids at high temperatures as well as dangerous chemicals during the pickling process. Its use is only intended for professionals. Please keep it away from children.

How to use:

1° Introduce between 300 and 400ml of water in the external Cuba (part nº5)

2° Preparation of the pickling bath.

1) Take the internal Cuba (4) fill it with 500ml of water and add 60gr. of TECHNOFLUX –SB salts Ref. BAN0E0150. Cover with the Inner Cap (2).

2) Insert it inside the external tank and cover the assembly with the External Lid (1).

3) Then load program no. 2 and wait for it to reach 80 C°.

At this moment the pickling bath is already active, press A to finish and avoid the increase in temperature.

**Use program nº6 that will allow you to have an ideal temperature for pickling throughout your working day.**

**Note:** for the use of other applications always use the manual control.

## 5. Warnings and risks.

- **Do not drop the pieces abruptly into the inner tub**

Risk of tank breakage.

- **Do not pour or put pickling salts or acids into the water in the external tub.**

It will damage the heating plate and the probe.

- **Do not use the unit without the inner tub and without water.**

Broken heating plate and thermostat assembly.

- **Do not exceed the level indicated in the two tanks.**

Risk of serious electrical damage.

- • **Do not exceed the maximum working temperature of 80°C for SB pickling salts.**

Loss of chemical efficiency and breakage of elements.

- **Do not replace hot water wait until it is cold.**

Heating plate unusable.





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