

Tubes Heater



Manual for Use

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Manufacturing, Distribution and After-Sales Service

EllioSafe T.H. is a product designed, manufactured and distributed exclusively by Laboratoires Ellios BioTek.
After-Sales Service is provided by Laboratoires Ellios BioTek.

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LABORATOIRES ELLIOS BIOTEK



74 Rue du Château,
92100 Boulogne Billancourt, France

Courriel : info@elliosbiotek.com
Site Web: www.ellios-biotek.com
Tel. : +33 (0) 1 44 26 22 80

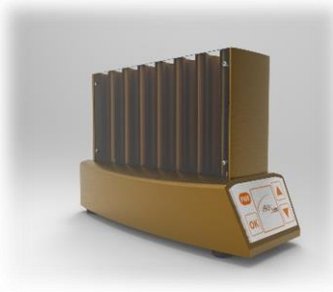


This product must be undertaken with regard to the WEEE directive



Unpacking Of ELLIOSAFE T.H.

Upon receipt, make sure that the packaging is in good condition. Notify your delivery person if it has any impacts.



Rack ELLIOSAFE



ADAPTER

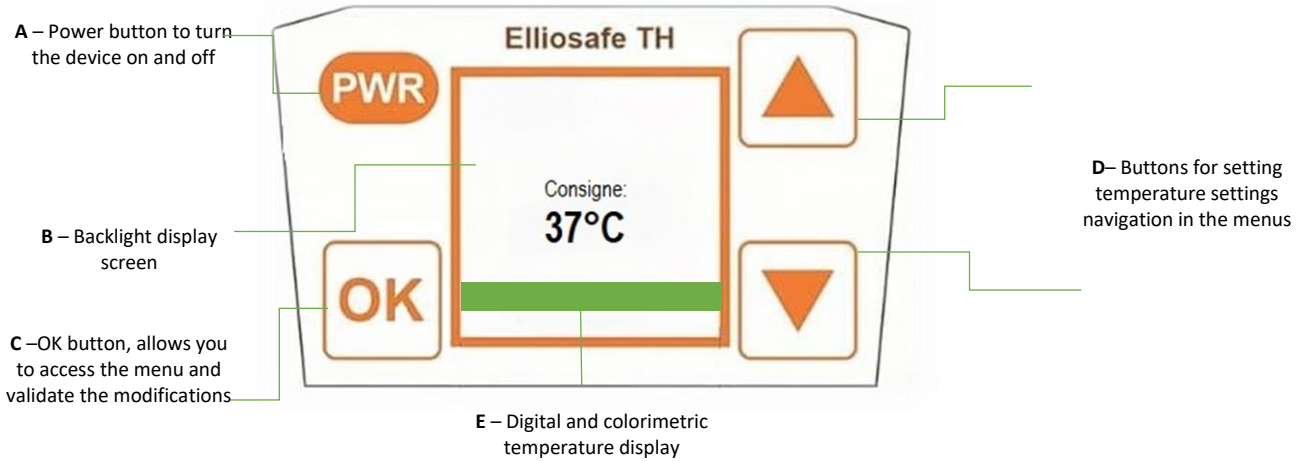
⚠ The supplied adapter must be used exclusively for the power supply.

⚠ To be acceptable, any complaint concerning the delivery must be sent to Laboratoires ELLIOS BIOTEK within 24 hours of receipt.

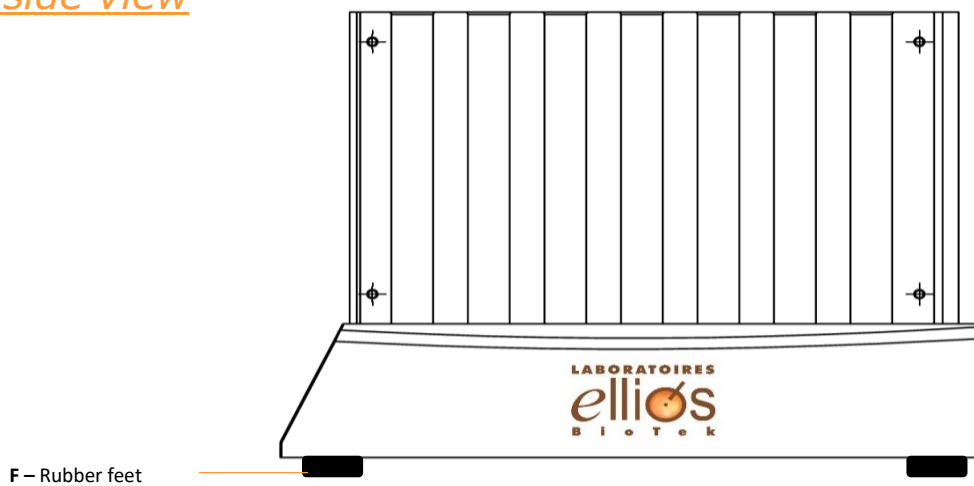
DESCRIPTION

EllioSafe T.H. is intended for biological samples at constant human body temperature.

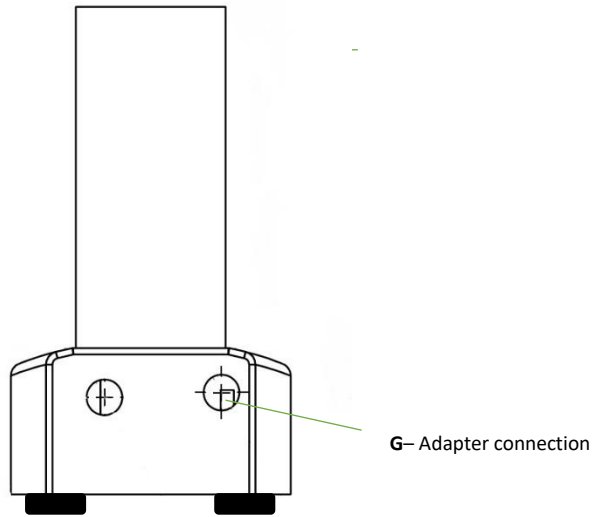
Control Panel



Right side view



Back view



SET-UP

1) Supply voltage

- A.** Connect a socket with the corresponding female slots of the power supply Figure 1.



Figure 1. Connector of the power supply

- B.** Connect the charger to a 230V / 50Hz Electric power distribution

⚠ Only the supplied adapter should be used to power the tubes heater

WARNING: The tubes heater should not be used adjacent to other electronic devices

- C.** Wait the required time for preheating and stabilization of the set temperature.

WARNING: Check the set temperature before each use

Allow enough time for the equipment for the heating and the displayed temperature to stabilize (approximately 15 min) (Figure 2).

A preheating time is required before using the ELLIOSAFE T.H.. This will make it possible to obtain uniform temperature in the device. However, this time may depend on the environmental conditions as well as the type of tubes.

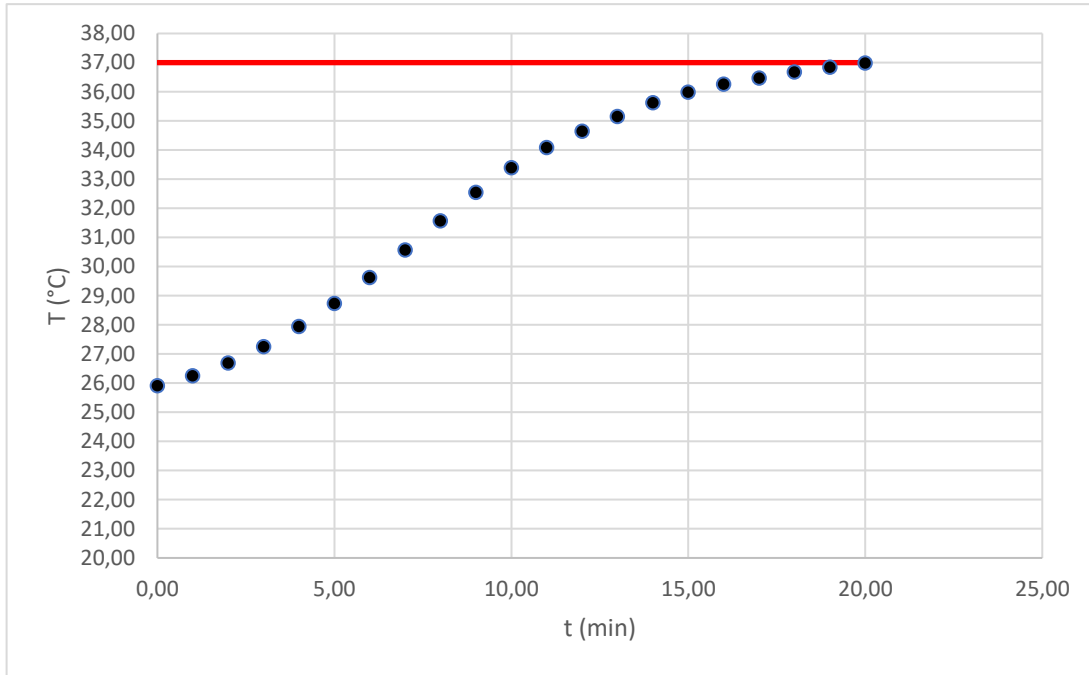


Figure 2 Variation of Temperature versus time

2) End of use instructions

Make sure that no biological sample remains in the Rack.

Press the **PWR** button to turn off the ELLIOSAFE T.H..

WARNING: Unplug the ELLIOSAFE T.H. after each use.

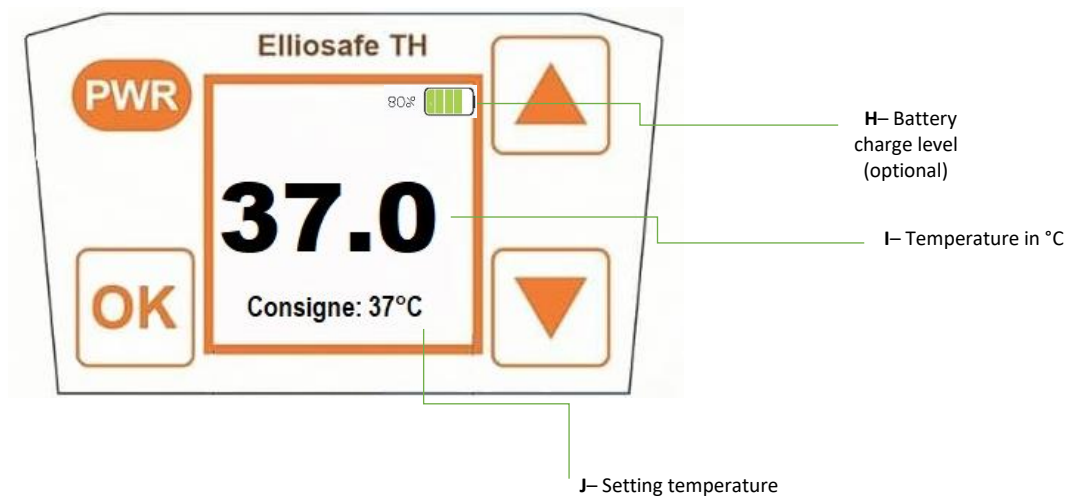
Screen display

1- Backlight


When device is turn on, the backlight works permanently




2- Home page

When turn on the tubes heater, the screen displays the home page below



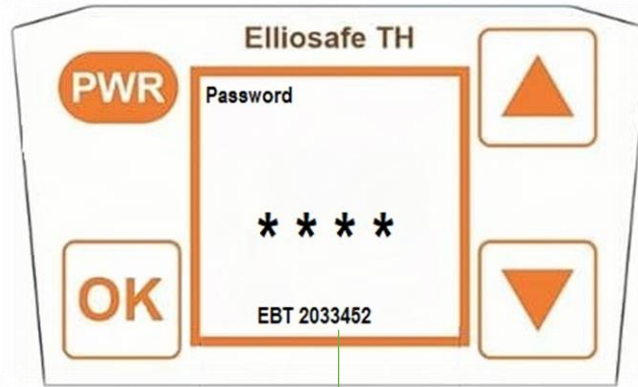
3- Temperature Setting

On the home page, press the key  for 3 seconds.

Dial the Password(provided by the supplier) using the keys   and confirm each digit with the key .



The password is the following :


USER PASSWORD : 3059

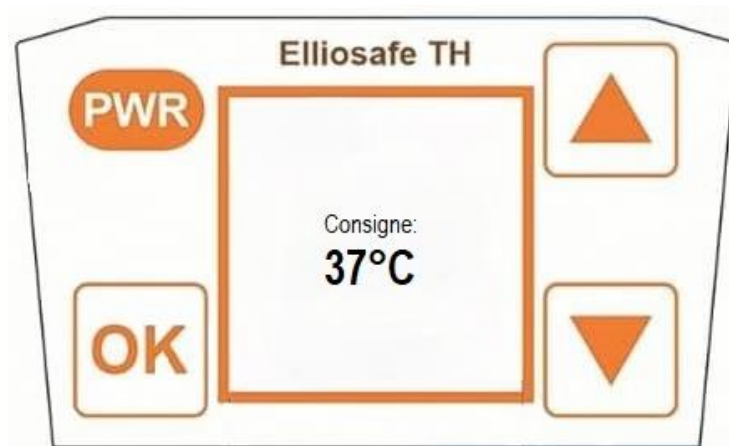


J- Serial number of device

The “menu” page below appears.

Adjust the setpoint temperature to the desired value using the buttons  .

Validate the temperature by pressing the key .



Attention : modifications of other parameters (Config. Default and debug mode) must be made exclusively with ELLIOS BIOTEK after-sales service. These settings allow to make a diagnostics.

Adapter



Product reference	CEL9108
Output voltage	12V
Load intensity	4A
Weight (Kg)	0,37
Dimensions (mm)	L=132 x P=59 x H=31

