

***TAU STERIL s.n.c.***  
***Via Gorizia 6/a***  
***Fino Mornasco (CO)***

# **TAU STERIL MINI AUTOMATIC**

## **INSTRUCTIONS FOR USE**

**CE 0426**

## WARNING

Tau Steril Mini Automatic is a hot-air steriliser: do not put any humid objects inside the sterilisation chamber to avoid electric shocks.

## INTRODUCTION

### ***Norms***

Tau Steril Mini Automatic complies with the essential features indicated in the Directive 93/42/EC dated June 14<sup>th</sup> 1993, class II A and with the following technical norms:

EN 61010-1

EN 61010-2-040

EN61326-1

UNI CEI EN ISO 14971

### ***Materials which can be sterilised:***

The oven is meant for the sterilisation of surgical instruments by surgeons or paramedical staff. The materials to be sterilised must stand up to the high working temperatures, i.e. from 0 °C to 200 °C. **Do not insert any toxic material inside, the Manufacturer Tau Steril declines any responsibility to this respect.**

## MANUFACTURER'S RESPONSIBILITIES

This device has been manufactured according to the EC norms. The usage of this hot air oven is limited to those functions for which it has been projected and realised. The Manufacturer declines any responsibility on risks or dangers due to improper usage by operators.  
Guarantee lasts 12 months starting from the invoice date.

## INSTALLATION

Verify that transport and/or stocking have respected acceptable humidity conditions in order not to affect the safety of the sterilizer. Stock and install the device in a humidity safe place (Tau Steril declines any responsibilities concerning the safety of the device if this should be kept in an unsuitable way).

Remove the device from its packaging with extreme care and check its integrity.

Verify that electric supply indicated on the label on the back corresponds to the one available in the installation area (max variation of electrical supply  $\pm 10\%$ ).

Verify that the main electric plant has an earth, set the oven on a horizontal surface to grant plenty of ventilation.

Do not position it less than 10 cm from walls or other devices to allow proper ventilation around the machine. Do not obstruct the correct opening of the door with any object.

Plug in to the wall socket and position the main switch to ON; make sure that the device is on.

Tau Steril declines any responsibilities if these instructions are not observed.

## CHARACTERISTICS

### TECHNICAL FEATURES

Weight 3,5 kg

External dimensions: cm 31 x h cm 18 x cm 18

Inner dimensions: cm 24.5 x h cm 5,5 x cm 11,5

Absorption: 270 W

Supply: 230 V 50 Hz.

### Operating conditions

Room Temperature: 5° to 40 ° C

Humidity: (at maximum temperature of 31°C) 80%

Humidity (at maximum temperature of 40°C) 50%

### Suggested times and temperatures

The sterilisation temperatures must correspond to the specific values documented and declared by the Manufacturer of the material and /or instrument to be sterilised. Suggested temperatures by hot air sterilizers range from 150°C to 180°C. **Important: the operator must respect the suggested sterilisation temperatures.**

**The maximum adjustable temperature is 200°C.**

**The suggested sterilisation times range from a minimum of 30 minutes to a maximum of 45-60 minutes.**

The maximum adjustable time is 120 minutes.

## HOW TO USE

1. Carefully clean and dry the instruments to be sterilised.
2. Plug the device in to the main
3. **To set the right temperature:** rotate the thermostat knob to reach the desired temperature
4. Rotate the timer knob clockwise to set the desired sterilisation time (max. 120 min)
5. At the end, the two lights will confirm that the machine is running (green light = functioning, yellow light = thermostat). Before stabilising on the set temperature the yellow light will flash to indicate the rising temperature inside the chamber.

For a correct use of the appliance, we suggest that you do not fill the tray with too many instruments to grant a good and uniform circulation of air.

### Transport and storage

This hot-air steriliser is delivered with its original package and is considered as FRAGILE good, as indicated on the cardboard box. In case of restitution for repair, please use its original package. In case of storage, keep the device away from humidity to safeguard its electrical components.

### Maintenance and cleaning

Before each cleaning operation, unplug the device and let the machine cool down first.

Clean the inside of the sterilisation chamber DAILY with a cloth moistened with denaturated alcohol (90%).

**Not do spray water, do not let water penetrate the chamber to avoid electric shocks.**

Check once a month that the supply cable is in good conditions.

In case of bad functioning, contact the Manufacturer.

In case of repair, we recommend that you send back the device to the Manufacturer with its original package.

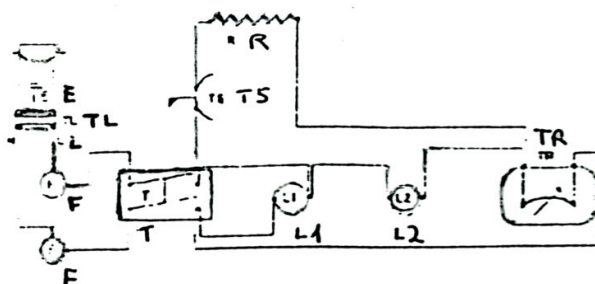
**Check periodically / yearly the temperature with the endowed pre-set thermometer.**

If problems arise, verify periodically that the safety device (thermostat) is functioning.

If the safety device (thermostat) goes on, **unplug the oven** and press the thermostat's red button.

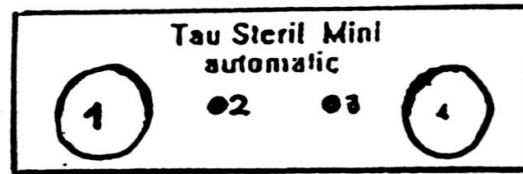
### Electrical scheme

TH THERMOSTAT  
L1 Funtioning bulb  
L2 thermostat bulb  
T timer  
R resistance 230V 620W  
F Fuses (2) 6.3x32 3.15A  
TL line chuck  
E earth chuck  
TS safety thermostat



## Control Board

1= Thermostat  
2= Thermostat bulb  
3= Functioning bulb  
4= Timer



## SAFETY NORMS AND PRECAUTIONS

During usage and while extracting your instruments from the oven, wear protective gloves to avoid burnings (outside the plate warns: **BEWARE: BURNING DANGER!**)

**TAKE CARE WHEN EXTRACTING THE INSTRUMENTS FROM THE OVEN  
DANGER OF BURNING, WEAR PROTECTIVE GLOVES.**

**This hot-air oven must be used only by authorised and specialised personnel who are familiar with sterilisation techniques, times and temperatures.**

This device must be used only for the purpose it has been meant for: sterilisation of surgical instruments by surgeons or paramedical staff.

**It is necessary** to take any possible precautions to avoid **improper** use by **unauthorised personnel**. It is forbidden to modify or alter in any way the thermic and electric safety protections of the device or put them out of use. It is also forbidden to try to repair the machine on your own.

When servicing or cleaning the machine, **make sure** it is unplugged and completely cooled down.

In case of sterilisation of surgical instruments (scalpels or pointed instruments) wear protection shoes.

Periodically check that the supply cable is not damaged.

## SYMBOLS

IMPORTANT: READ INSTRUCTIONS FOR USE



BEWARE: BURNING DANGER



BEWARE: DANGER OF ELECTRICAL SHOCK



BEWARE: WEAR PROTECTIVE GLOVES



AEE: WASTE ACCORDING TO LOCAL RULES

