



GUARISCO

MEDICAL STERILIZER

TAURUS

ROTARY
STERILIZER



Dear Customer,

We thank you for choosing a quality product manufactured by *Guarisco Medical Sterilizer*

This unit has been manufactured according to the international Safety Regulations. There isn't any risk for the operator if this unit is used in accordance with the instructions provided in this manual.

IMPORTANT :

- **Read the instructions carefully and look at the pictures, then switch the unit on.**
- **Keep these instructions always at hand.**
- **Only use distilled water to avoid damages to the autoclave and to the instruments to be sterilized.**
- **Follow carefully the instructions in this manual.**



WARNING :

This symbol warns of the need to carefully read the instructions.

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1 - EQUIPMENT**GENERAL NOTES ON DELIVERY**

Upon receipt of the machine check that the packaging is inot damaged!

Open the box and check that:

- The supply matches with the order (see shipping document)
- There is no evident damage.
- Equipment is included

In case of damage or missing parts, please notify immediately and in details the carrier and *MEDICAL TRADING S.R.L.* or its local representatives.

Do not throw the packaging away, it will be useful if you return the autoclave for repair and / or maintenance.

**POWER CORD****GUIDE PLATE****PRINTER CARTRIDGE**

2 - GENERAL WARNINGS



Carefully read the manual



Warning High Temperature



Grounding



Disposal in accordance with 2002/96/EC

This symbols shown on the product, accessories or instruction manual indicates that the product and its accessories should not be disposed of with household waste at the end of its life in accordance with Directive 2002/96/EC.

To prevent damage to the environment or human health from uncontrolled waste disposal, please separate these items from other waste and recycle them responsibly to promote the sustainable reuse of material resources.

Users should consult the dealer or service center for disposal.

This product and its accessories should not be mixed with commercial waste and / or household for disposal.

2.1 - SAFETY

- The unit has not been manufactured to be used in presence of gas or other explosive.
- Do not pour water or other liquids on the unit in order to avoid short circuit and corrosion
- Before any maintenance or cleaning, it is necessary to remove the electricity.

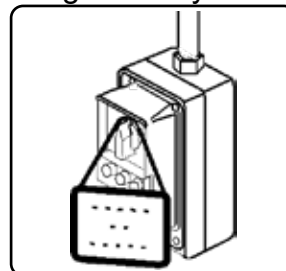
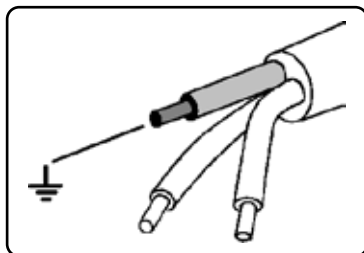


WARNING

If you can not disconnect the electricity and the power switch is far or not visible from the person doing the maintenance, you must affix the sign **WORK IN PROGRESS** on the power switch after placing the switch on OFF position (see Fig. 20). Make sure that the system is equipped with grounding and EMC requirements in the country of installation (see Figure 19).

- Do not remove any label or sign, in case of need ask for a new one.
- Only use original spare parts.

Failure to comply with what above will void Medical Trading's liability



The device is built according to current standards and meets all the requirements protection with regard electromagnetic compatibility (EMC).

3 - TECHNICAL DATA

TECHNICAL DATA	
Type of seal:	Rotary sealer
Display	7" TFT graphic colour
Input keyboard	Touchscreen
Printout	24-dot matrix, Double lined, for special characters
Sealing characteristics:	
Sealed edge infinitely adjustable	0 – 40 mm
Seal seam width	12 mm
Seal length	Unlimited
Sealing seam distance from pack content	>30 mm (DIN 58953-7:2003)
Seal temperature range	60-220°C ± 1°C(tolerance monitored)
Sealing speed	10 m/Min (monitored)
Contact pressure	80 - 120 N (monitored)
Warmup Time	40 seconds
Tolerance limit motor stop temperature	± 5 °C
Sealing information completed	Light and sound alerts
Sealing material	Puches/Rolls EN 868-5 Puches/Rolls EN 868-4 Puches/Rolls gusseted
Electrical connection	
Power	500 Watt
Voltage	230/240 V.
Frequency	50/60 Hz
Fuse	5A x 2
Mechanic	
Dimension: LxWx H	560x260x220 mm.
Weight	Net 18 kg. Gross 20,0 kg
Noise intensity [dB/ A]	<60
Housing cover	Steel AISI 304 (White)
Housing buttom	Steel AISI 304 (Ral5020)

4 - MAIN FUNCTION

1. 7 inch color LCD touch screen, graphical user interface, built-in clock and parameters can be set and have automatic storage function
2. You can set or change the equipment usage parameters and the operator, department, item name and customization etc. that need to be printed through the built-in color touch screen, at the same time, the corresponding setting content is printed by the sealing machine
3. Computer Intelligent Temperature Control,
4. Working temperature 60 to 220 °C
5. Temperature accuracy $\pm 1^{\circ}\text{C}$
6. High-speed heating design: It only takes 40 seconds for room temperature to rise to 180 °C, Energy efficient, Meet the needs of fast-paced work
7. Auxiliary cooling design: equipped with microcomputer controlled cooling mechanism, reduce the waiting time for switching from high temperature sealing to low temperature sealing, can effectively improve work efficiency
8. Safety Temperature control: When the actual temperature exceeds the set temperature $\pm 4^{\circ}\text{C}$, the machine will automatically stop working, effectively guarantee the quality of the sealing and the safe operation of the equipment
9. Sealing speed 10 m / min, using light contrast technology to achieve automatic detection of sealing and printing
10. Sealing width 12 mm, the sealing index meets the requirements of the standard-
11. The sealing edge is adjustable from 0 to 35mm
12. Design of floating constant pressure lamination structure, to meet the sealing needs of three dimensional bags and paper bags of different thicknesses
13. The expiration date can be adjusted automatically according to the set effective days
14. Automatic fault alarm indication, can realize the automatic detection of the working process, various faults can be automatically alarmed or prompted;
15. Three types of printing font selection: narrow, normal and wide, combining symbol printing mode, print more content on a relatively narrow packaging
16. The system will give the print width value according to the selected print content, automatic accounting print minimum bandwidth, help the operator determine the number of items before printing to select the appropriate paper-plastic bag, remind before sealing when the width of paper and plastic bags is insufficient
17. The printing function can realize one-click closing or close an item selectively, it is convenient for the operator to quickly switch between printing and non-printing
18. Automatic energy saving standby: adjustable standby time and standby temperature, smart standby recovery, can be restored to operating temperature at high speed
19. Advanced flat ceramic heating components, heat up fast, heat evenly, high temperature resistance, long life, high thermal efficiency

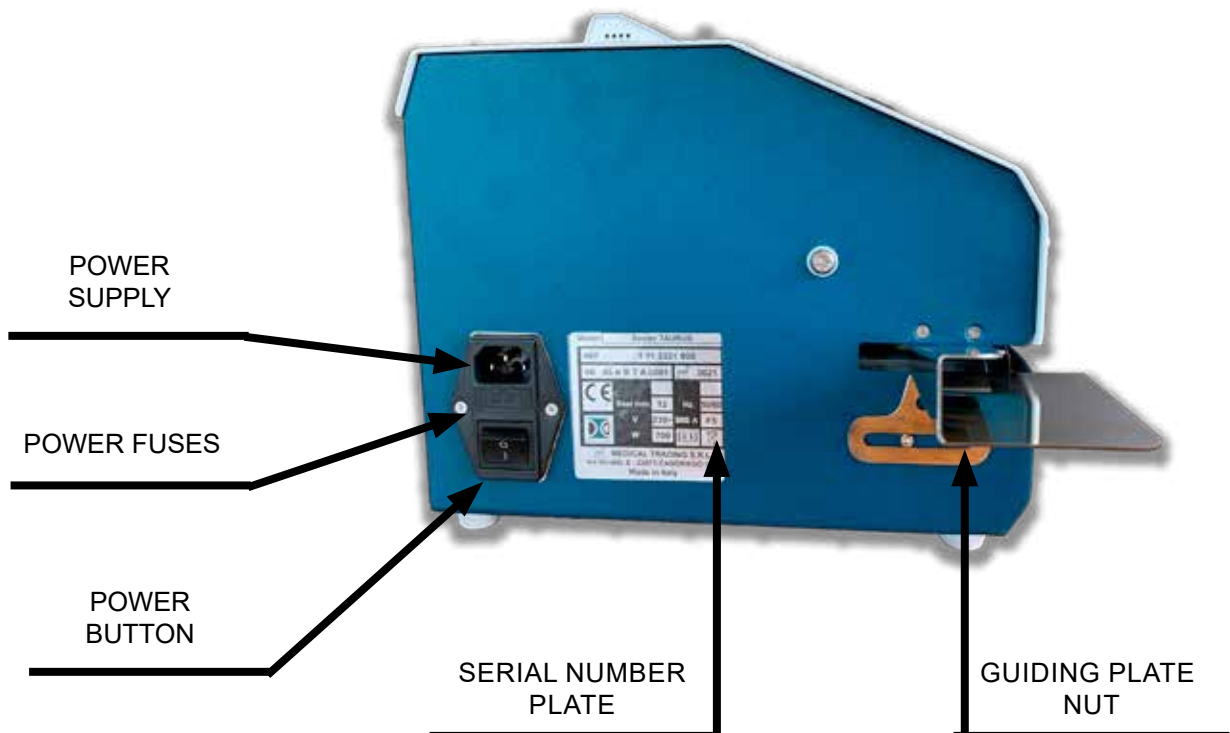


5 - DESCRIPTION OF THE MACHINE

5.1 - FRONT STRUCTURE DESCRIPTION



5.2 - LEFT SIDE DESCRIPTION



6 - INSTALLATION

GENERAL PRECAUTIONS FOR INSTALLATION

Install the thermo-sealer on a flat surface, leaving enough room for its operation and adequate ventilation;

- check that the support surface is sufficiently robust to support the weight of the machine (about 20 kg);
- do not install near sinks to avoid contact with water or liquids that could cause short circuits or situations potentially dangerous for the operator;
- do not install in humid or poorly ventilated environments;
- do not install in environments with the presence of inflammable and/or explosive gases or vapours;
- install the unit so that the power supply cable is not bent or pressed along its path up to the power outlet.



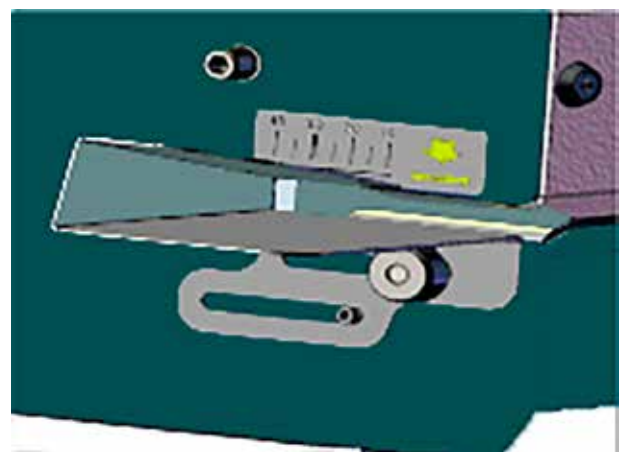
WARNING!
ELECTRICAL INSTALLATION MUST BE PROVIDED WITH GROUND CONNECTION.

When installing, at least 5 cm should be left around the equipment to ensure air circulation. The environment of the sealing machine should avoid vibration, dust, corrosive or explosive gas, extreme temperatures and humidity, etc.

The sealing machine needs to be placed on a flat and stable workbench (It is best to use our company's multifunctional workbench designed and produced for this series of sealing machines)

Guide plate installation:

1. Unscrew the nut on the left side of the device counterclockwise,
2. Placing the **guide plate**
3. Put the scw in sequence
4. Tighten the nut clockwise



7 - ELECTRICAL CONNECTION

Check that the voltage indicated on the label (1) corresponds to that available at the place of installation (see photo no. 32).

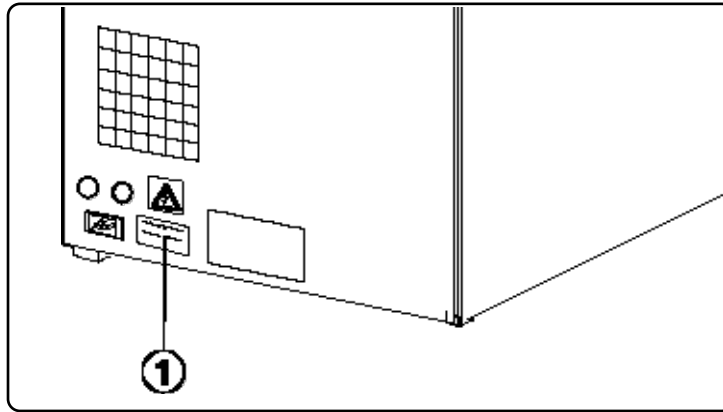


Photo n° 32

The sealer must be connected by a protect switch (2) to a system equipped with properly grounding in accordance with the country safety regulations (see photo No. 33).



ATTENTION

Do not bend the power cord, do not place objects on top of it.

NOTE VALID FOR ITALY :

The installation must be performed according to CEI 64-4 and a differential switch (3) with the following characteristics must be installed before the power supply (4) (see photo N° 34) with the following characteristics:

- Rated current: 10 A
- Differential sensitivity: 0.03

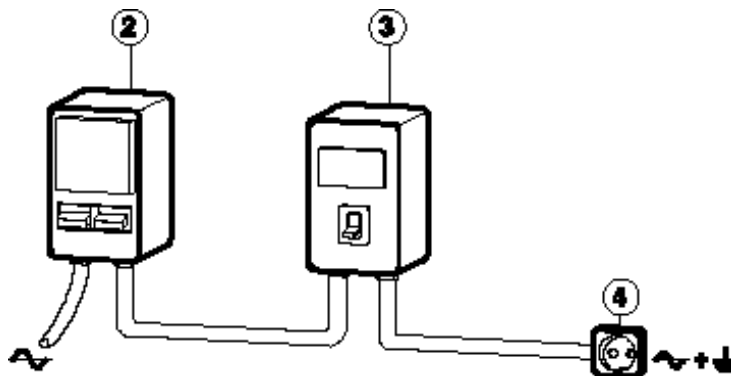


Photo n° 33

8 - IMPORTANT INFORMATION



IMPORTANT NOTICE

In accordance with the intended use, the CE marking is displayed based on the following EU directives: 2006/42/CE, 2006/95/CE and 2004/108/CE.

Medical machine directive 93/42/CE is not applicable to sealing machines.

The limit values of IEC 60601-1 may not be applied in repeated electrical inspections.

The manufacturer accepts no liability whatsoever for damage caused by tests in accordance with standards not listed in the Conformity Declaration.



CHECKING THE SEALING SEAM

Each sealing seam must be subjected to a visual inspection after the sealing process and after sterilisation.

The sealing seam must be intact across the entire width and length and must be fully sealed. There must be no channels, kinks, folds, air pockets or indents. There must be no visible signs of scorching or melting.

Intended use

The machine is intended only for commercial and industrial use and may only be used for the intended use and with following materials.

Sealable materials:

- Pouches and reels in accordance with EN 868-5 and EN ISO 11607-1*
- Paper pouches in accordance with EN 868-4*
- HDPE (e.g. Tyvek™, 1059B, 1073B and 2FS)*
- Aluminum laminate film

* also with side gusset

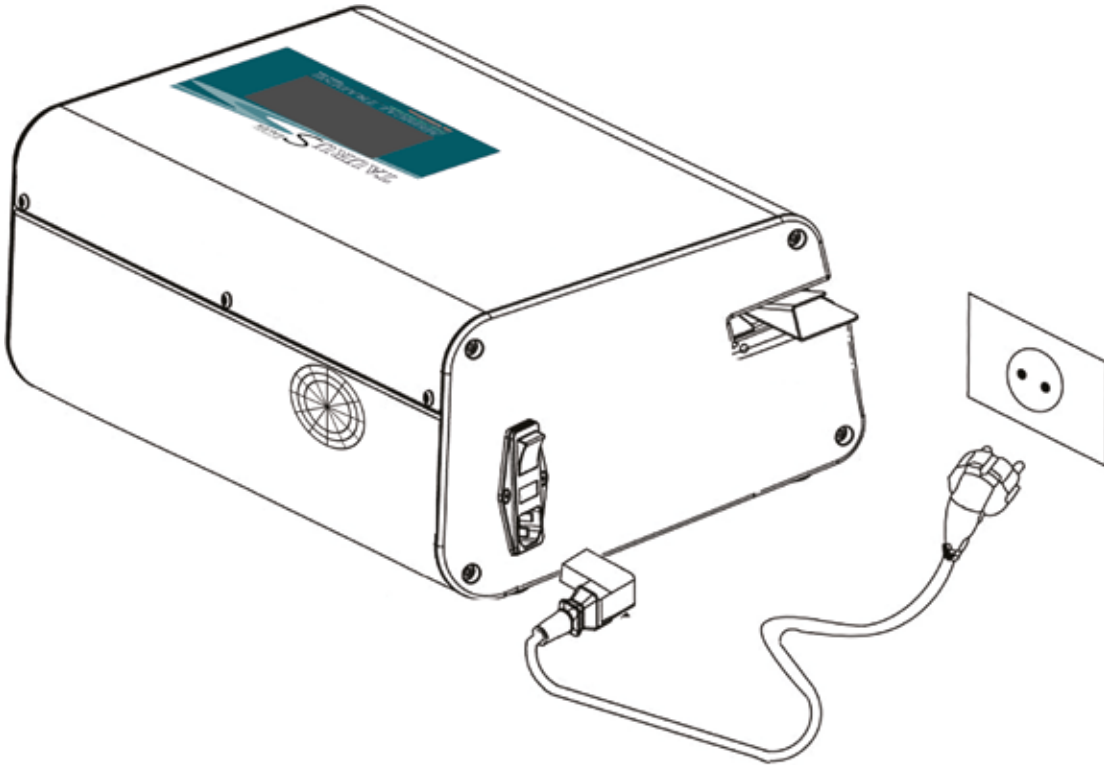
The correct sealing temperature must be identified by means of test sealings (DIN 58953-7). The machine output depends on the condition of the sealing material used.

Non-sealable materials:

- Polyethylene film
- Soft PVC film
- Hard PVC foils
- Polyamide film
- Polypropylene film

9 - PREPARING THE PRODUCT

1. Connect the power cable (H)



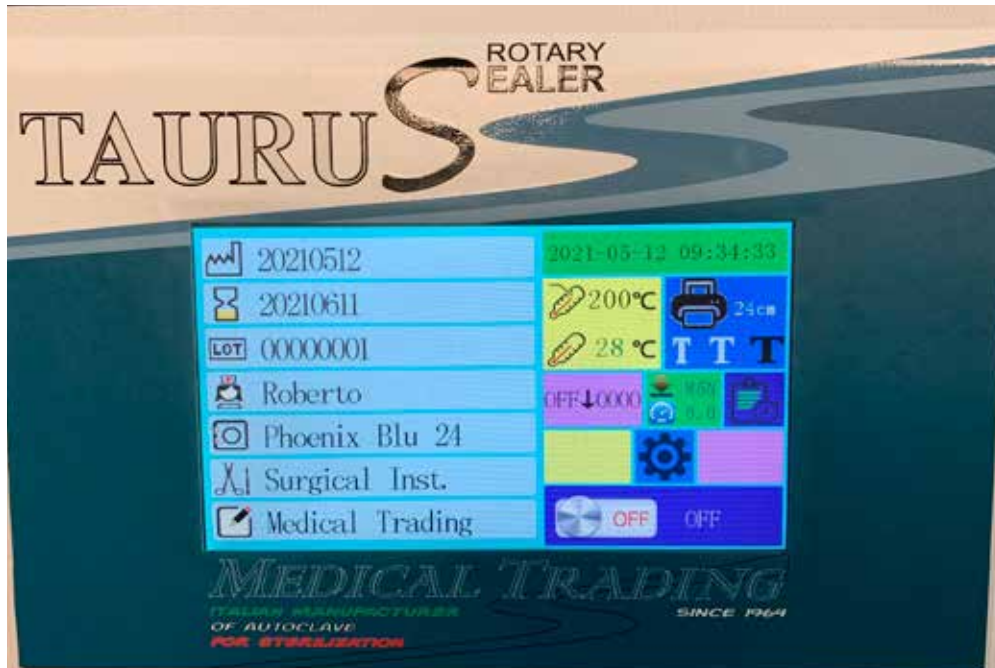
NOTE

USE ONLY THE POWER SUPPLY CABLE PROVIDED WITH THE UNIT. CONNECT DIRECTLY THE POWER SUPPLY CABLE TO THE SOCKET. DO NOT USE EXTENSIONS, ADAPTERS OR OTHER ACCESSORIES.

POSITION THE MACHINE IN SUCH A WAY THAT THE ENDS OF THE CABLE ARE EASILY ACCESSIBLE.

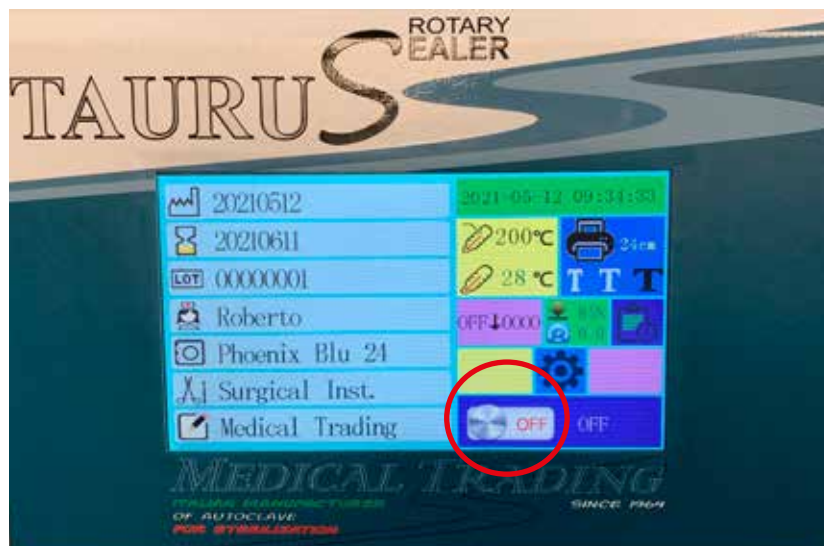
Turn on the machine with the **POWER SWITCH** on the LEFT SIDE, place over the power plug.

10 - SETTING/CHANGING PRINTING DATA



The Display show information about the sealing, function to be switch on or off, and all information that it's possible to print.

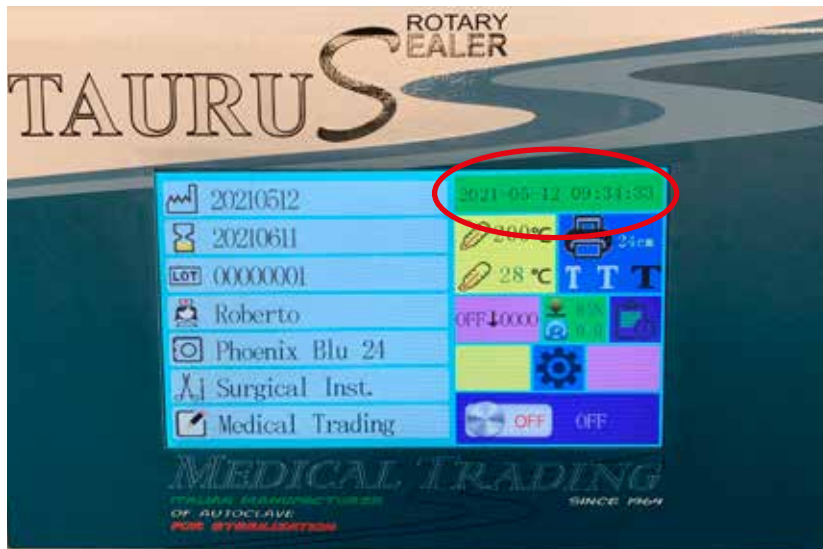
10.1 - SEALING SETUP



With this button it's possible to SWITCH ON or SWITCH OFF the SEALING FUNCTION:

- If it's is set to OFF the sealing BELT will not start and the HEATING ELEMENT is switch off.
- If it's is set to ON the HEATING ELEMENT will start to HEAT, in 40 seconds it will be ready.

10.2 - DATE SETUP



This MENU show the ACTUALLY DATE AND HOURS

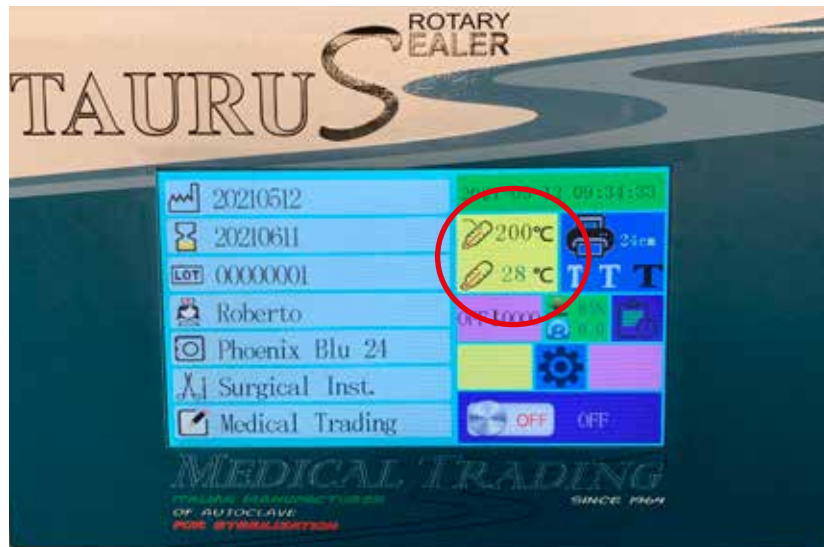
Touch the GREEN MENU it's possible to change the DATE and TIME information:



You can change the following information: (It's preset to Italy hours)

- YEAR
- MONTH
- DAY
- HOUR
- MINUTE
- SECOND

10.3 - TEMPERATURE SETUP



This MENU show the TEMPERATURE INFORMATION:

- The FIRST LINE show the SET Temperature
- The SECOND LINE, show the actual SEALER TEMPERATURE

Touch the YELLOW MENU it's possible to change the SELECTED TEMPERATURE:



You can increase or decrease the VALUE or select one of teh PRESET VALUE.



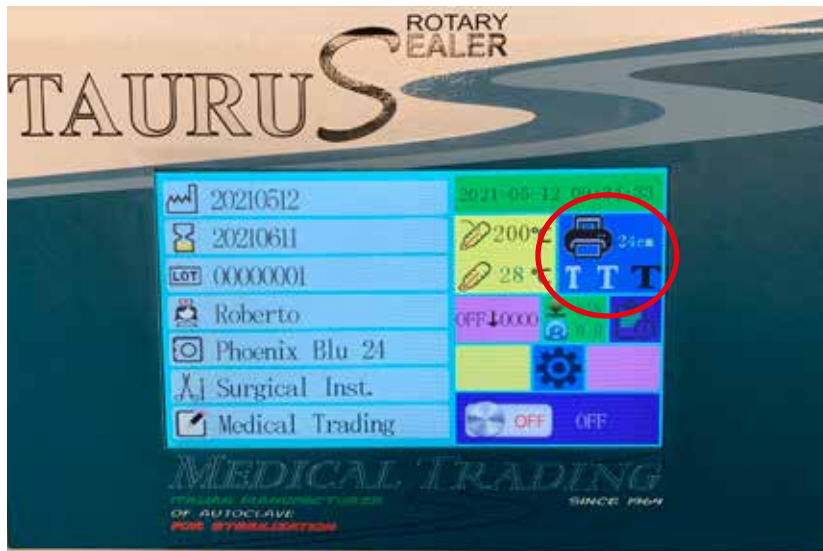
NOTE

PAPER/POLYPROPYLENE:
TYVEK®/POLYPROPYLENE:

TEMPERATURE 180°C
TEMPERATURE 125°C

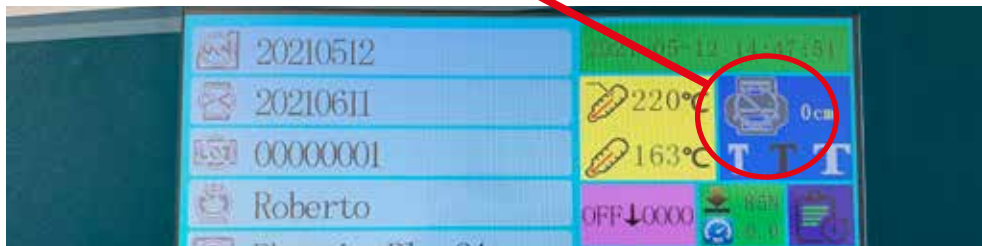
FOR OTHER TYPES OF PAPER, REFER TO THE TECHNICAL SHEET SUPPLIED WITH THE PRODUCT USED.

10.4 - PRINT SETUP



This MENU show the PRINTER function:

- If the PRINTER icon is BLACK the PRINTING function is switch on.
- Just touch the PRINTER ICON to SWITCH OFF the printing function

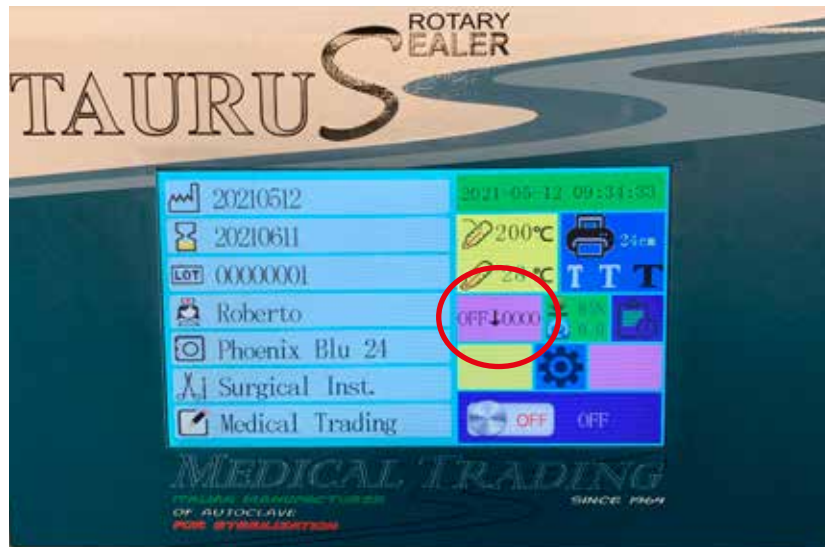


It's possible to personalized the size of the PRINTING DATA, just select one of the 3 dimension

- available:
- T: 13 cm
 - **T**: 18 cm
 - **T**: 22 cm



10.5 - COUNTER MENU



This MENU show the COUNTER of sealing

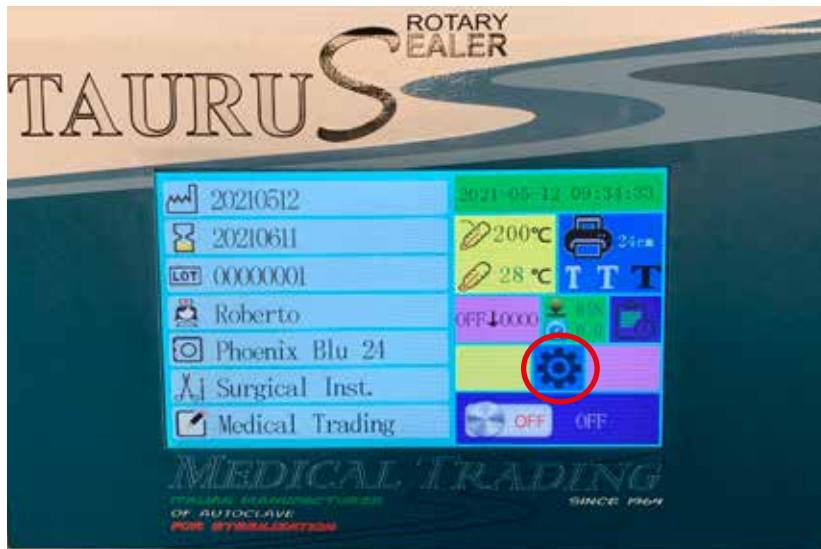
Touch the PURPLE MENU it's possible to change the SETUP the COUNTER



You can personalized the COUNTER MENU:

- Press on the RIGHT BUTTON you can SWITCH ON or SWITCH OFF the COUNTER
- Press on the LEFT BUTTON (ARROW) it's possible to selec if the COUNT(Up) or COUNT DOWN (Down)
- Select the VALUE to START

10.6 - SETUP MENU



Press SETUP button it's possible to change the SEALER SETUP.
Only an authorized PERSON can change this SETUP information.
If you are authorized please confirm with the YES BUTTON



Enter in the SETUP MENU it's possible to change the following information:

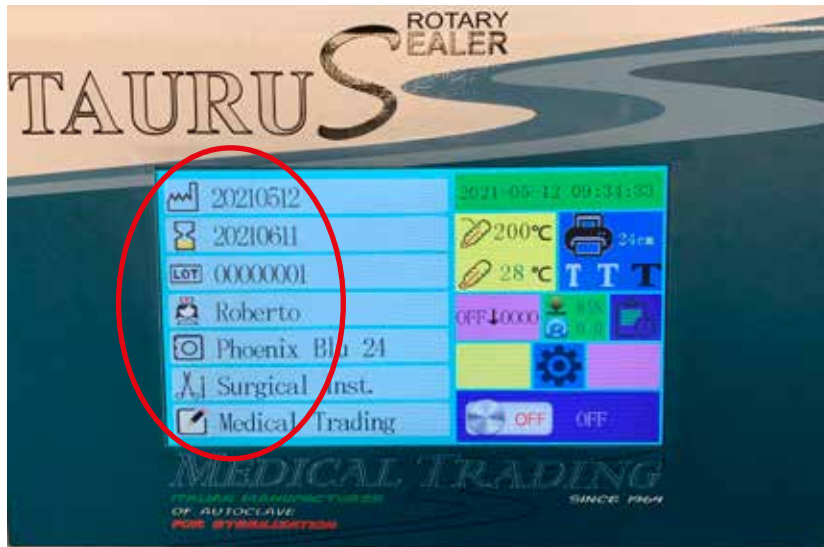
- **STAND BY TIME:** The idle time after which the sealer will enter STAND-BY mode.
- **STAND BY TEMPERATURE:** The TEMPERATURE for the STAND-BY period
- **ALARM TEMPERATURE:** It's possible to CHANGE the DIFFERENCE VALUE. If the sealer temperature will be with a value higher or lower of the preset value it's will show the error messages
- **PRINTING START POSITION SETTING:** The printing start position is also called the printing margin distance, which is the distance between the printing character starting position and the left paper bag. In the system setting interface, touch the value of the printing start position to enter the printing start position setting interface. Can be modified by the plus and minus keys. The setting range of the printing start position is 0-10, the smaller the value, the closer to the left side of the paper bag. After modification, please directly exit.



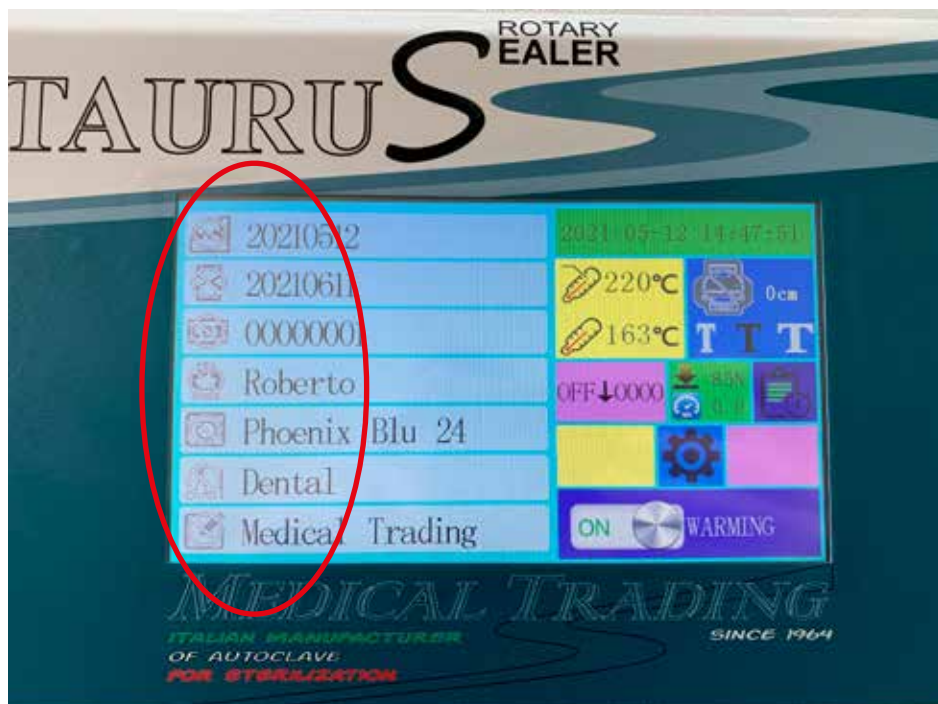
STANDBY FUNCTION: Standby is the last time when there is a key operation or the end of sealing is started, and when the time reaches the set value of the standby time, it will automatically stand by. Standby will reduce the operating temperature to the set value of the stand by temperature, and then constant temperature, the brightness of the display will automatically dim to minimize energy consumption. There are two ways to clear standby: one touch anywhere on the touch screen; two put the sealing pouch into the entrance of the sealing machine, and then take it away. After the standby is cleared, the display resumes highlighting, and the operating temperature quickly rises from the standby temperature to the upper set temperature.

10.7 - PRINTING DATA

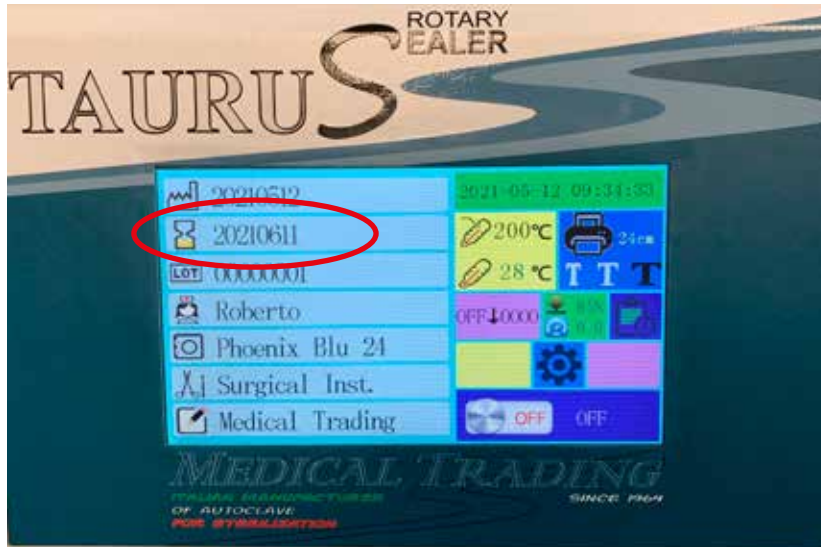
All information on the LEFT MENU it's possible to select to PRINT it or NOT PRINT. If you choose to PRINT IT you just PRESS on the ICON, it will become BLACK.



If you choose to **NOT** PRINT IT you just PRESS on the ICON, it will become **GREY STRIKETHROUGH**.



10.8 - EXPIRED DATE

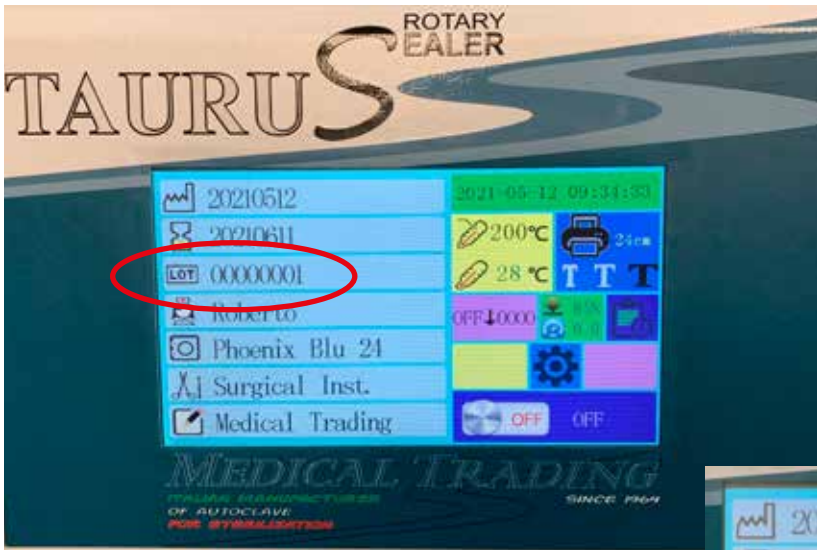


With this button it's possible to choose if PRINT or NOT PRINT the EXPIRE DATE.
Press the EXPIRED DATE it's possible to change the VALUE of the value of the duration of the sterilized instrument.



This EXPIRED DATE depends on the type of envelope or roll used.
Each value changes based on the product and manufacturer. Usually the average duration is 20/30 days. We advise you to contact your supplier to ask for the exact information.

10.9 - BATCH NUMBER

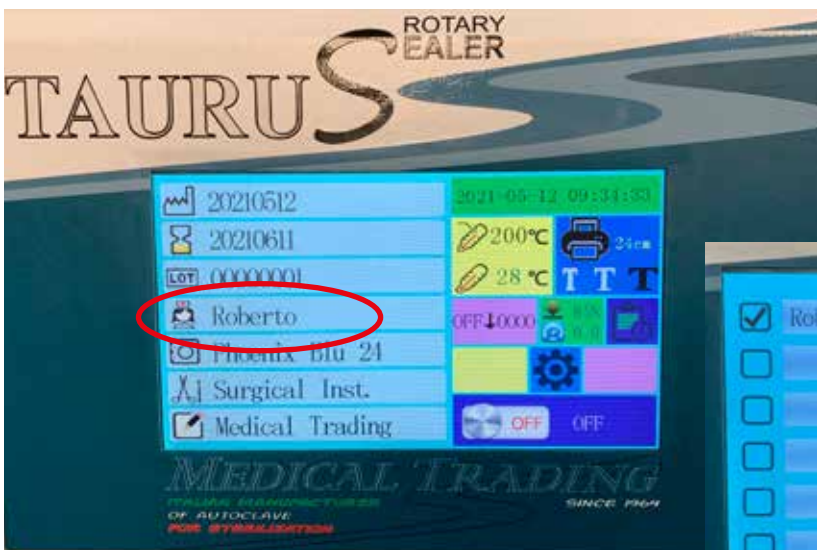


This MENU show the BATCH NUMBER
Touch it it's possible to change the VALUE



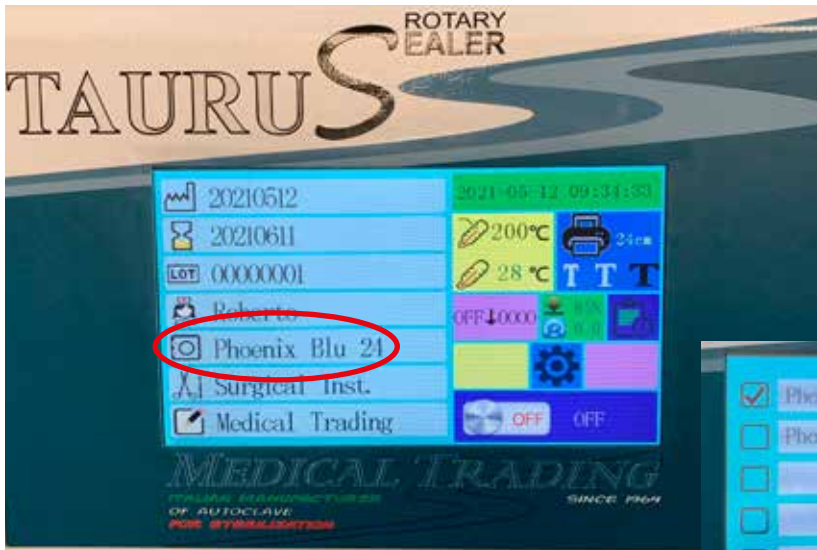
10.10 - USER NAME / IDENTIFICATION NUMBER

This MENU show the USER NAME or IDENTIFICATION NUMBER



Touch it it's possible to change the PRESET VALUE or CHANGE IT.
It's possible to PRESET up to 12 different USER.

10.11 - AUTOCLAVE or CYCLE NAME

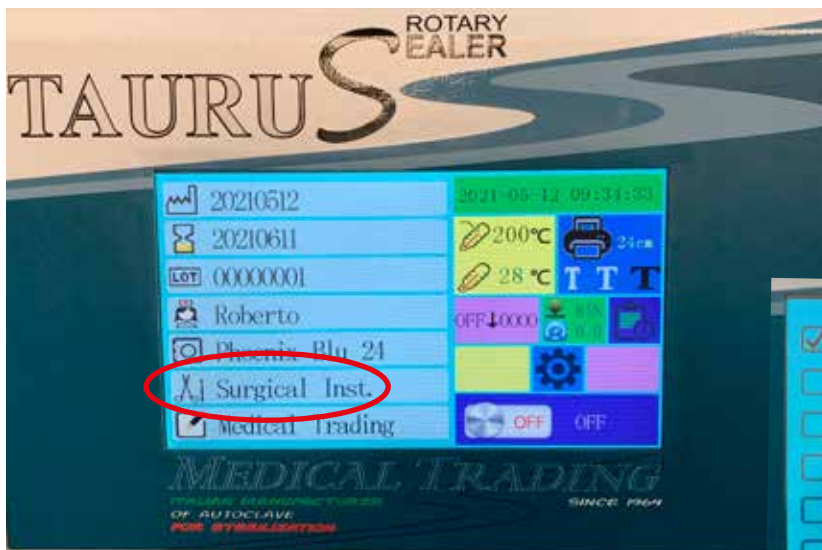


This MENU show the AUTOCLAVE NAME or the selected CYCLE NAME

Touch it it's possible to select PRESET VALUE or CHANGE IT. It's possible to PRESET up to 12 different autoclave/cycle.

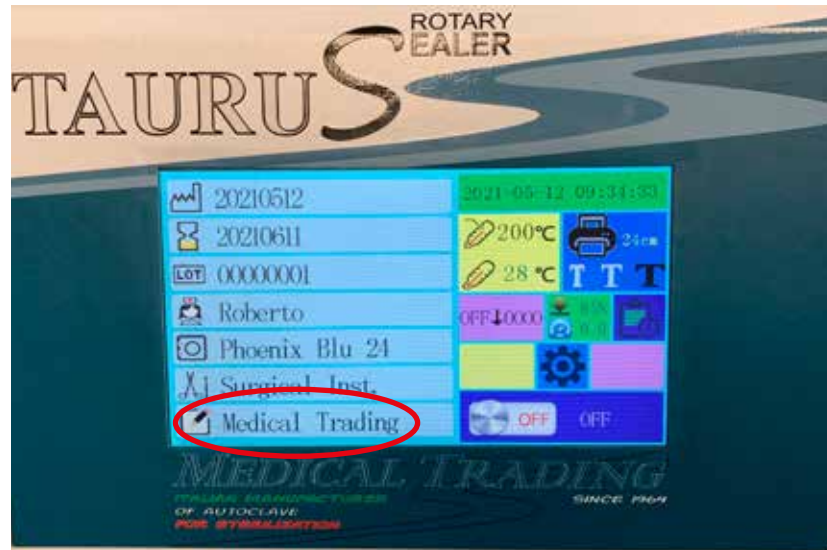
10.12 - INSTRUMENT TYPE

This MENU show the INSTRUMENT TYPE to be sterilized.



Touch it it's possible to change the PRESET VALUE or CHANGE IT. It's possible to PRESET up to 12 different INSTRUMENT TYPE.

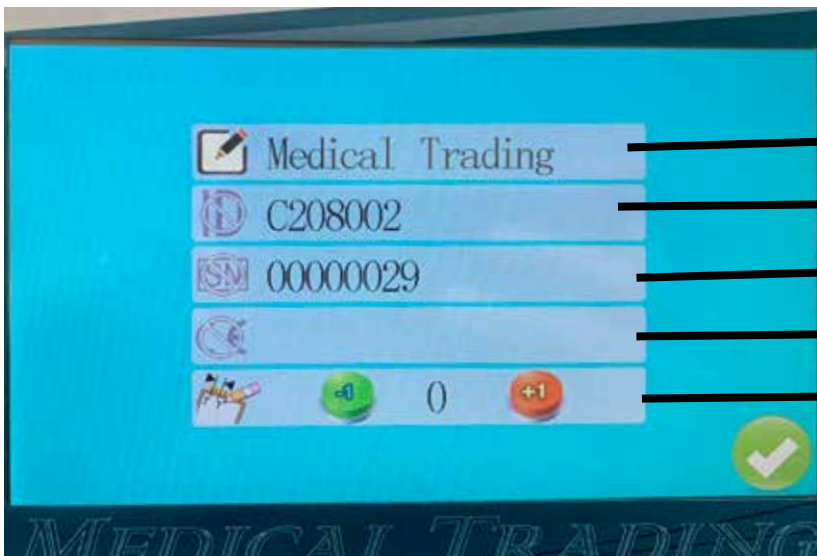
10.13 - ADDITIONAL INFORMATION



This MENU show the ADDITIONAL INFORMATION.

It's possible to select or not.

Press the MENU it's possible to persolized the additional inforamtion:



- HOSPITAL NAME or PERSONALIZED DATA
- SEALER'S SERIAL NAMBER
- TOTAL SEALING COUNTER
- CE MARKS
- PRINT SPACE

11 - PREPARATION OF THE MATERIAL

The sterilisation process can be considered as effective, reliable and repeatable on condition that the instruments and the materials in general are first properly treated and subsequently correctly positioned inside the sterilisation chamber.

This precaution is even more required when we consider packed objects.

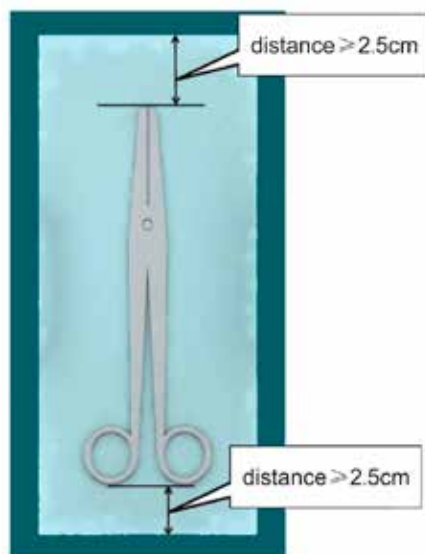
It must be stressed that organic residue or deposit of substances used in the medical practice inevitably become receptacle of micro-organisms and can hamper the steam sterilisation process. An improper arrangement of the load makes difficult and sometimes impossible the circulation of water steam on the material and/or inside its cavities, with the consequences that can be imagined.

Therefore we provide a few basic indications concerning these aspects, leaving the customers with the task of improving their knowledge on the matter in the best fashion.

According to the size of the items to be packaged, select the width and length of the sterilization tube bag, refer to the previous section to set the sealing machine to the non-printing state, seal the end of the sterilization tube with the sealing machine, and then place the medical items inside the bag.

According to the relevant regulations **the instruments in the bag should be at least 2,5 cm away from the seal of the packaging bag**, so there should be enough margin.

Pay attention to the correct placement of special-shaped and sharp items.



11.1 - MOVING THE MATERIAL

When handling and moving contaminated material, it is good practice to take the following precautions:

- always wear rubber gloves with adequate thickness;
- clean with a germicide detergent the hands protected with the gloves;
- always use a tray for carrying the tools;
- never carry the tools directly in your hands;
- pay attention to any sharp or cutting parts to avoid the risk of infections;
- separate the objects that must not undergo a sterilisation or cannot stand the process;
- when you have finished handling the material, carefully wash your hands still gloved.

11.2 - CLEANING THE TOOLS

All materials and/or tools to be sterilised must be perfectly cleaned and without trace of any kind of residue (organic and inorganic materials, paper fragments, cotton or gauze swabs, scale, etc.).

Otherwise, the sterilisation process could turn out to be not effective, and the steriliser and the tools themselves undergo irreversible damage.

For an effective cleaning:

- after use, rinse immediately the tools with a jet of running water;
- divide the tools according to the type of material (carbon steel, stainless steel, brass, aluminium, chrome etc.) to avoid electrolytic oxidation-reduction reactions;
- wash with an ultrasonic cleaner containing a mix of water and germicide solution, carefully following the manufacturer's recommendations;
- carefully rinse and check that the cleaning is complete; if necessary repeat the washing cycle or clean manually;
- dry perfectly.

Before the sterilisation, check the indications provided by the manufacturer of the tool/ material, checking any incompatibility.

Follow meticulously the use procedures for detergent or disinfectant products and the instructions for the washing and automatic lubrication equipment.

11.3 - PACKED MATERIAL

The use of sterilisation paper bags allows both an optimal sterilisation and to maintain in time the sterility condition.

Follow these general indications:

- pack the tools one by one or make sure that they are made of the same material;
- close the bag with the thermo-sealer;
- do not use metal points, pins or similar since they do not warrant sterility;
- arrange the bags so as to avoid the creation of air pockets that prevent the correct penetration and the removal of the steam;
- if possible, arrange the bags vertically using a suitable support;
- never overlap the bags one over the other.
- dry perfectly.

Before the sterilisation, check the indications provided by the manufacturer of the tool/ material, checking any incompatibility.

Follow meticulously the use procedures for detergent or disinfectant products and the instructions for the washing and automatic lubrication equipment.

12 - FUNCTIONING

1. Edge adjustment:

Loosen the GUIDE PLATE () by unscrewing it anticlockwise and slide it along the slot to adjust the sealing margin from the edge (0-35 mm); when you have reached the desired position, tighten the knob.

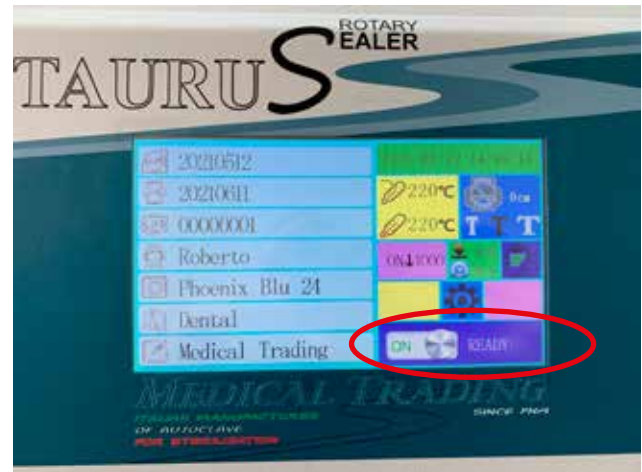
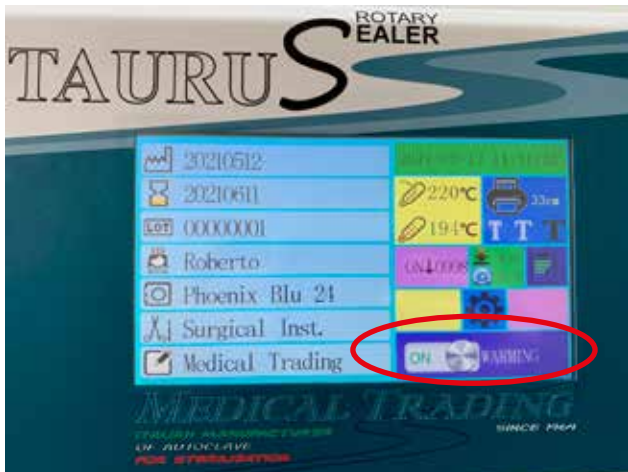
2. Warming up the machine:

Once the machine has been turned on, the temperature increases gradually.

The increase is displayed, indicating the WARMUP until the preset operating temperature is reached.

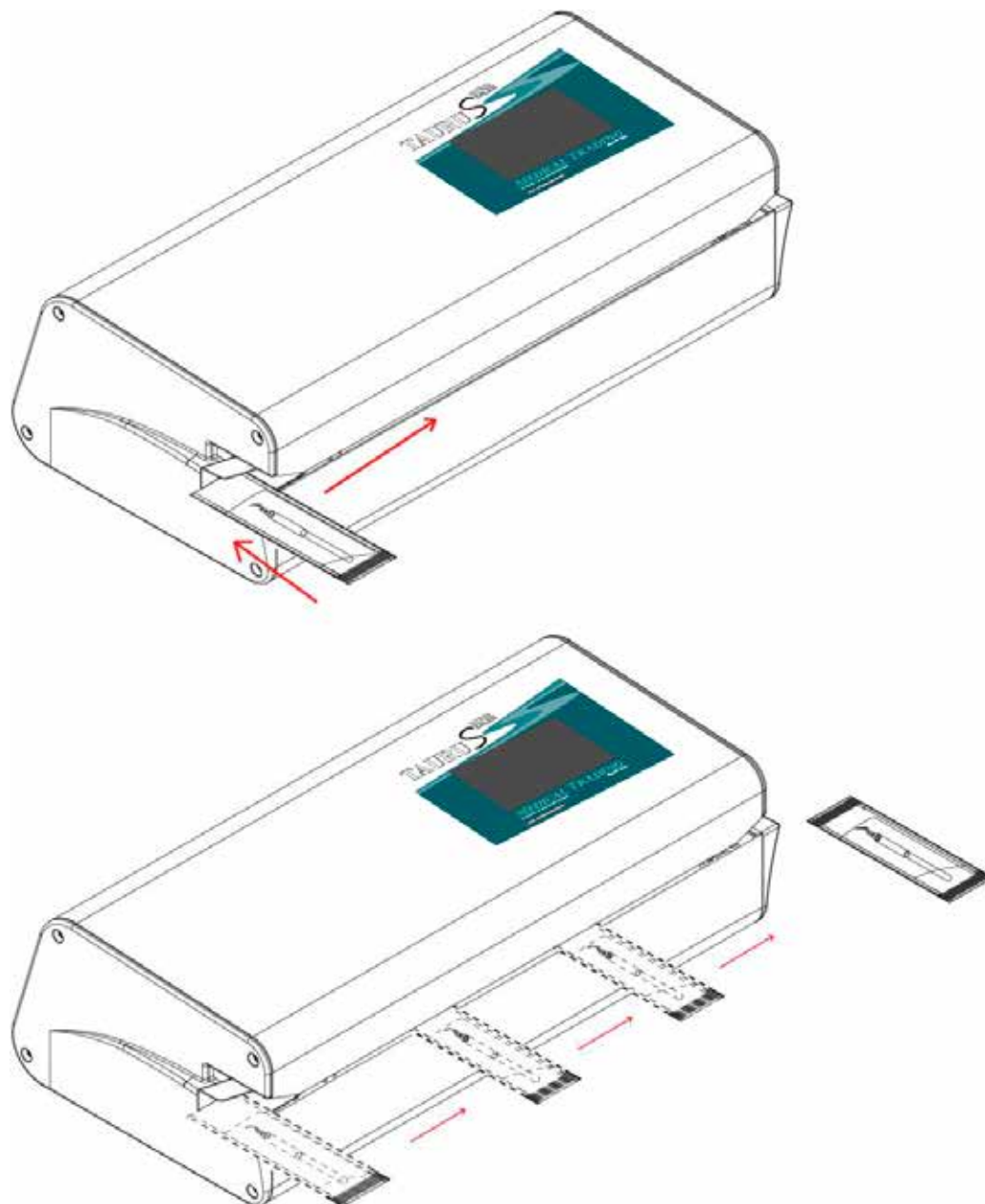
A safety system does not allow starting the machine before the operating temperature has been reached.

When the set temperature value has been reached, READY appears and the selected programme is displayed.



13 - Sealing and printing process sequence

Place the edge of the bag to be sealed at the infeed slot, holding it parallel to the front of the machine. Slowly move the bag to the right until automatic feed is activated.



The bag will be drawn to the outfeed where it will come out perfectly sealed.



ATTENTION
THE ROLLER HEAT THERMO-SEALING MACHINE WORKS WITH BAGS OF VARIOUS SIZES, PREFORMED AND SEALED ON THREE SIDES, BUT ROLLS OF PAPER CAN ALSO BE USED. IN THIS CASE THERE ARE TWO SEALING STEPS.

**HAZARD**

BE CAREFUL NOT TO LET YOUR FINGERS COME TOO CLOSE TO THE DRIVE MECHANISM.

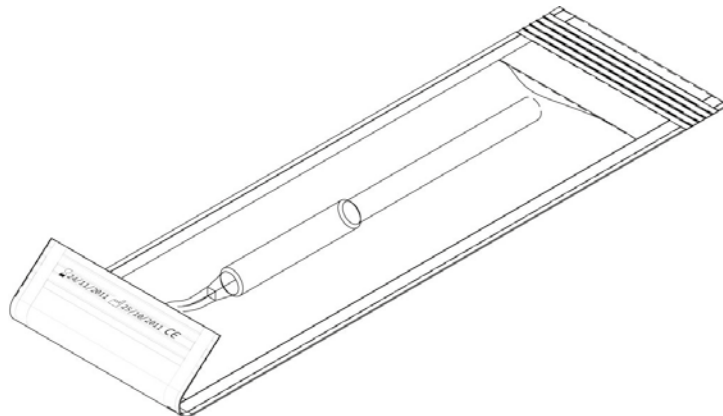
**WARNING!**

MAKE SURE THAT YOU INSERT ONLY THE PART OF THE BAG IN THE SEALING AREA. DO NOT FOR ANY REASON INSERT TOOLS OR PARTS OF THEM IN THE MACHINE SLOT..

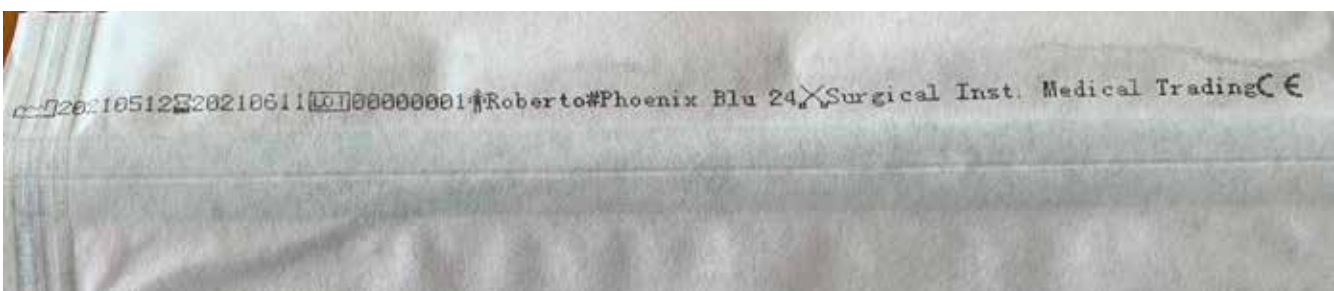
Feed the bag with the printing side down from the left side of the device along the guide plate, and the conveying mechanism will automatically start. After the bag enters the sealing machine, it will complete the preheating, pressing and printing in sequence until it is sent out from the right side of the sealing machine seal.

In order to ensure that the sealing edge is flat, please handle the two ends of the bag mouth with both hands, and fully flatten the part of the bag mouth into the sealing machine. Before sealing, make sure that the bag mouth and the sealing machine are parallel. Straighten the bag. After the bag mouth fully enters the sealing machine, hand-carry the packaged goods until the sealing process is completed.

Since the printer is installed under the interior of the device, the paper and plastic bag should be placed in the guide plate according to the upper and lower paper, otherwise it will not print correctly;



If the printer is enabled (see the relative section), the expiry date and the sealing date is printed on the rear of the bag. **The printing ink is able to withstand steam sterilization treatment.**



After sealing, remove the bag and allow it to cool briefly.



NOTE

Because the materials used by the manufacturers of paper and plastic bags (paper and paper bags) are different. In specific sealing operations, the sealing card tester and sealing strength tester should be run to test the sealing effect, so as to determine the appropriate sealing temperature to ensure the quality of the sealing. The sealing temperature of different materials may also be different. In order to obtain a good sealing effect, please choose a paper-plastic bag that meets the requirements of national regulations.

WHEN THE MACHINE HAS NOT BEEN USED FOR 60 MINUTES, IT GOES INTO STANDBY TO SAVE ENERGY.

THE STANDBY STATE IS INDICATED BY THE DIMMING OF THE DISPLAY. TO RESUME OPERATION PRESS ANY BUTTON OR INSERT A BAG IN THE SLOT AND WAIT FOR THE MACHINE TO REACH THE OPERATING TEMPERATURE.

AFTER 10 HOURS OF INACTIVITY, THE MACHINE AUTOMATICALLY TURNS OFF.

TO TURN IT BACK ON, PRESS ANY BUTTON OR INSERT A BAG IN THE SLOT AND WAIT FOR THE MACHINE TO REACH THE OPERATING TEMPERATURE.

14 - MAINTENANCE AND CLEANING

The equipment does not need any special care; it is only recommended that the user cleans it periodically.

It is also advisable to periodically check the parts such as drive belt, drive belt guide and heating element guides

In all cases, strictly follow the procedures given in this manual.

In case of replacement of components of the device, require and use **ONLY ORIGINAL SPARE PARTS**.



HAZARD
BEFORE CARRYING OUT ANY MAINTENANCE OPERATION, ALWAYS DISCONNECT THE POWER CABLE PLUG FROM THE POWER SOCKET.



WARNING!
MAKE SURE THAT THE MACHINE HAS COOLED BEFORE ANY MAINTENANCE OPERATION.

14.1 - CLEANING

Clean the equipment externally with a clean cloth dampened with water and neutral detergent.



ATTENTION:

- DO NOT USE PRODUCTS CONTAINING ISOPROPYL ALCOHOL
- DO NOT USE PRODUCTS THAT CONTAIN SODIUM HYPOCHLORITE (BLEACH).
- DO NOT USE CLEANERS THAT CONTAIN PHENOL.

Perfectly dry the surfaces and remove any remaining resistant residue.

Always keep in mind the following general warnings:

- Do not subject the unit to direct water jets, under pressure or sprinkling. Any infiltration on the internal electrical components could irretrievably damage its operation.

- Do not use abrasive sponges, metal brushes (or other aggressive materials) or products for cleaning metals, both solid and liquid.

14.2 - REPLACEMENT OF THE PRINTER CARTRIDGE

Printer cartridge are dedicated to needle printers, and are the same as toners and ink cartridges, and also belong to printing supplies.

When the printing content is blurred, it means that the printer cartridge has reached the end of its life, and the cartridge needs to be replaced



Note:

1) Special temperature-resistant printer cartridge produced by our company must be used. If other substitute cart are used, the sealing machine will not print properly or the print head will be damaged. At the same time, the storage time of the marked marks will be affected.

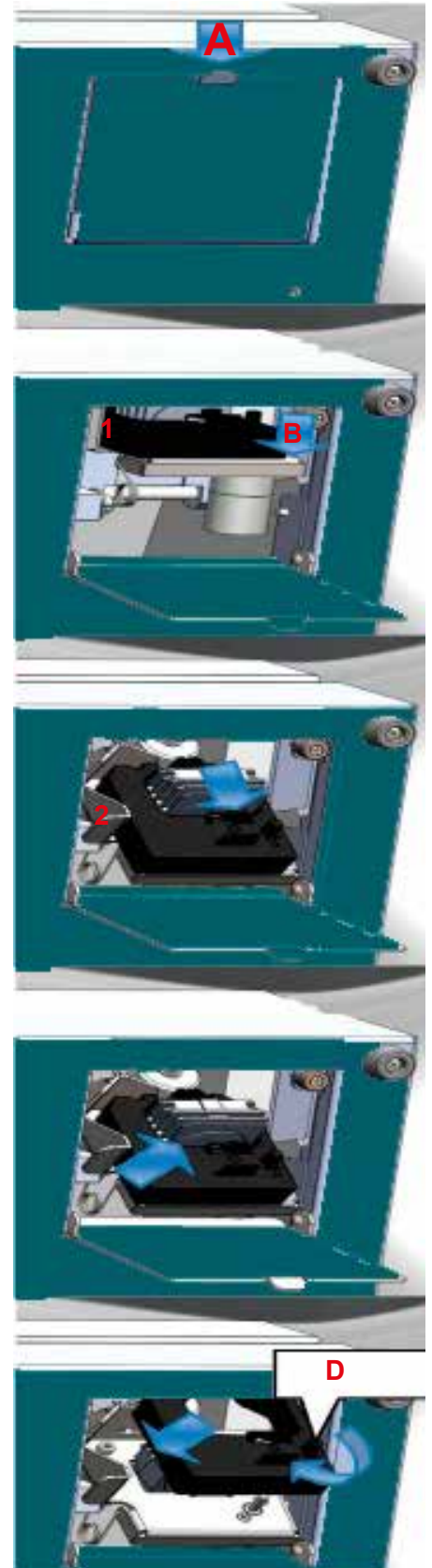
2) To avoid burns, the printer cartridge should be replaced after turning off the power of the device for ten minutes or after the print head has cooled to room temperature.

1. Turn the machine upside down
2. Open the flap A
3. Push the bracket B downward and slide it from position 1 to position 2
4. Remove the cartridge pulling it outwards
4. Place the new the cartridge fit into place in its seat D
5. Slide the bracket B back to its initial position until you hear a click indicating that it is properly in place
6. Close the flap A.
7. Turn the machine back over to its working position



NOTE

**IF THE MACHINE IS SET FOR PRINTING, DO NOT USE IT WITHOUT CARTRIDGE.
CARTRIDGE MUST BE ALWAYS POSITIONED INSIDE ITS HOUSING, EVEN IF EMPTY.**

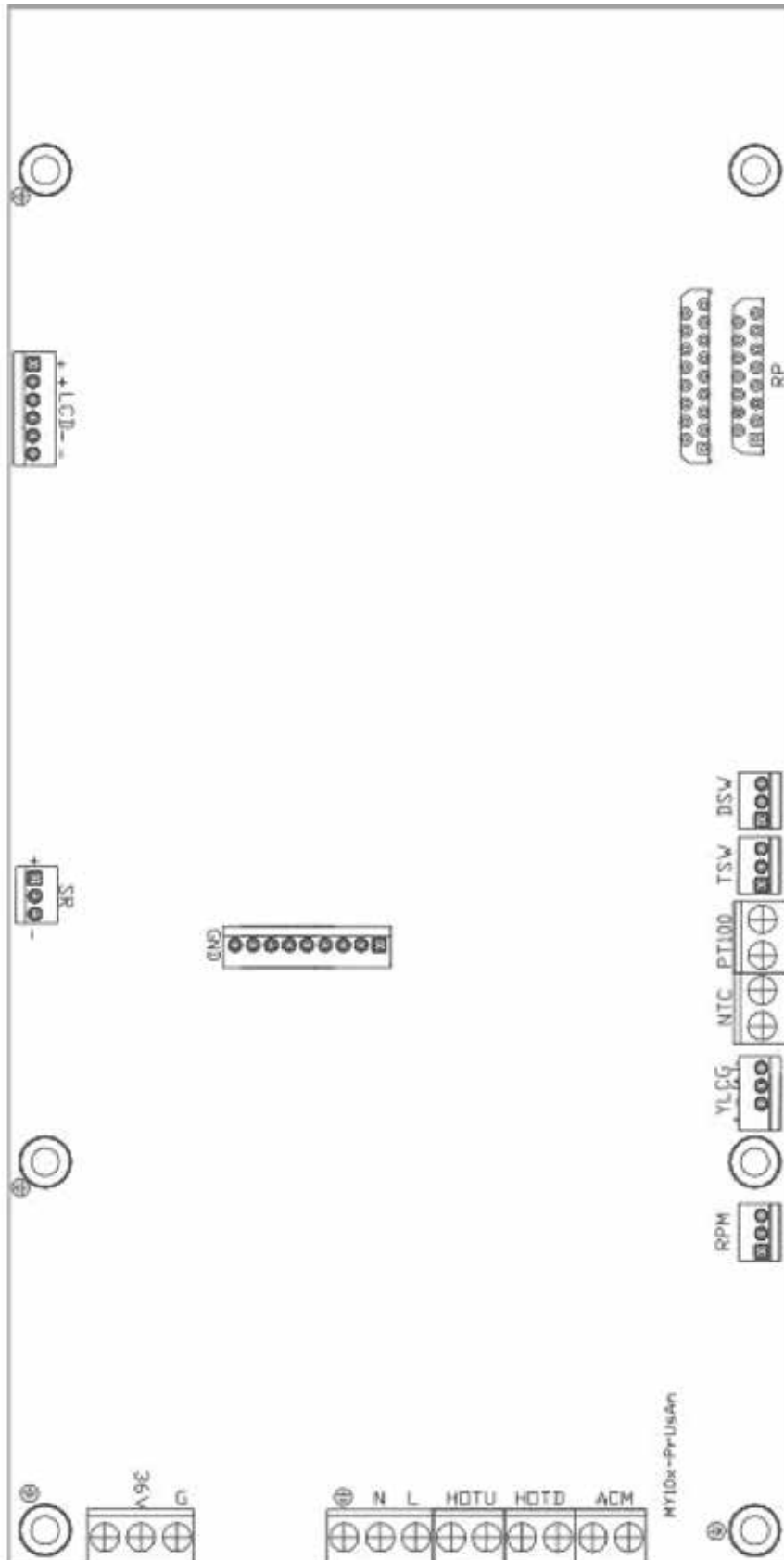


15 - TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
Cannot switch on normally	<ol style="list-style-type: none"> 1.The power is not properly connected 2.The power switch is not in place 3.The fuse at the switch is damaged 4. Overheating protection of heating 5.Thermal protection element burned out 6.Damaged switching power supply 	<ol style="list-style-type: none"> 1. Access requires power 2. Press the power switch repeatedly 3. Change a fuse 4.Turn off the switch and let the machine cool down to the room temperature to start 5.Cool to room temperature and check the thermal protection element. If the circuit is broken, the heating element needs to be replaced 6.Check whether the switching power supply has a nominal voltage output, and need to replace the DC power supply
Motor does not work	<ol style="list-style-type: none"> 1.Poor gear mesh 2.Damaged motor 3.Poor motor connection 4.Damaged main board 	<ol style="list-style-type: none"> 1.Turn the timing belt clockwise 2.Replace a new motor 3.Reconnect the motor wiring 4.Replace a new main board
Cartridge motor does not work	<ol style="list-style-type: none"> 1.Poor motor connection 2.Damaged main board 3.The cartridge motor rotates rapidly 	<ol style="list-style-type: none"> 1.Remove the cartridge and observe whether the motor runs. If the cartridge motor works, it's the problem with the cartridge. It needs to be replaced with a new one. 2.Reconnect the cartridge motor wiring 3.Replace a new main board
Print head does not print	<ol style="list-style-type: none"> 1.Print function is off 2.The guide plate is too forward, the package does not touch with the print head 3.Damaged print head 4.No response from printing photoelectric switch 5. Whether the control board components are damaged 	<ol style="list-style-type: none"> 1.Check the print options and open the print function 2.Adjust the position of the guide plate backward 3.Check the connection between the print head and main board to eliminate faults such as poor contact, and check if the print head is damaged, if yes, replace it 4.Check whether the connection cable is in poor contact, whether the photoelectric switch is loose, and whether there is output, if it is damaged, replace it 5.Record the fault phenomenon and contact the manufacturer for repair
Incomplete print content	<ol style="list-style-type: none"> 1.Broken needle of print head 2.Damaged print head 3.The main control board components are damaged 	<ol style="list-style-type: none"> 1.Replace a print head 2.Check whether the connection between the print head and the main control board is poor, check if the print head is damaged, if yes, replace it 3.Record the fault phenomenon and contact the dealer for repair
Printing is not clear	<ol style="list-style-type: none"> 1.The cartridge is consumed or damaged 2.Print head fixing screw is loose 3.Damaged cartridge motor 4.The main control board components are damaged 	<ol style="list-style-type: none"> 1. Replace a new cartridge 2.Tighten the fixing screw 3.Check the connection between the cartridge motor and the main control board, eliminate faults such as poor contact and ribbon jam, and replace if the motor is damaged 4.Record the fault phenomenon and contact the dealer for repair
The screen displays "Print head is overheat"	<ol style="list-style-type: none"> 1.The print head cable is loose 2.Automatic protection of print head overheating 3.Damaged print head 4.The ambient temperature is too high or too low 5.The main control board components are damaged 	<ol style="list-style-type: none"> 1.Reconnect the print head cable 2.Turn off the switch and let the machine cool down to the room temperature to start 3.Check the connection between the print head and the main control board to eliminate faults such as poor contact or virtual soldering of connectors 4.Adjust the ambient temperature to 20 °C ~ 40 °C 5.Record the fault phenomenon and contact the dealer for repair
After reaching the set temperature, the bag will not go ahead	<ol style="list-style-type: none"> 1.Damaged motor 2.Input voltage is non-compliant 3.The photoelectric switch at the entrance is loose 4.The photoelectric switch at the entrance is damaged 5.The main control board components are damaged 	<ol style="list-style-type: none"> 1.Check the connection between the motor and the main control board to eliminate faults such as poor contact, and check if the motor is damaged, if yes, replace it 2.Input the required voltage 3.Re-adjust in place and fix it 4.Check the connection between the photoelectric switch and the main board to eliminate faults such as poor contact, and check if the photoelectric switch is damaged and replace it 5.Record the fault phenomenon and contact the dealer for repair

Heating plate does not heat	<ol style="list-style-type: none"> 1.The heater board wiring is not properly connected 2.Damaged heating plate 3.The main contrai board compo- nents are damaged 	<ol style="list-style-type: none"> 1.Check the conneciion between the heating plate and the main contrai board to eliminate faults such as poor contac- i 2.Replace a heating plate 3.Record the fault phenomenon and contac- i the dealer for re- pair
The heating piste temperatu- re cannot rise to the required temperature	<ol style="list-style-type: none"> 1. Input voltage is non-compliant 2. Damaged heating plate 3.Damaged temperature sensor 4.Loose cable 5.The main control board compo- nents are damaged 	<ol style="list-style-type: none"> 1.Input the the required voltage 2.Replace a heating plate 3.Check whether the connection is poor 4.Record the fault phenomenon and contac- i the dealer for re- pair
The temperature has been ris- ing and cannot be controlled	<ol style="list-style-type: none"> 1.Damaged temperature sensor 2.The main control board compo- nents are damaged 	<ol style="list-style-type: none"> 1.Replace a heating plate 2.Record the fault phenomenon and contac- i the dealer for re- pair
The screen displays "The equipment is disturbed"	<ol style="list-style-type: none"> 1.Poor grounding 2.The sensor wiring is not praperly connected 3.External electromagnetic interfe- rence 4.The main control board compo- nents are damaged 	<ol style="list-style-type: none"> 1. Restart and check whether the power ground wire is effec- tively grounded 2.Check the wiring to eliminate faults such as poor contac- i 3.Restart the machine 4.Record the fault phenomenon and contac- i the dealer for re- pair
The screen appears garbled	<ol style="list-style-type: none"> 1.Program errar 2.Damaged screen 3.The main contrai board compo- nents are damaged 	<ol style="list-style-type: none"> 1. Power off and restart 2.Check the conneciion between the screen and the main contrai board to eliminate faults such as poor contac- i or virtual soldering of components. If the screen is damaged, replace it 3.Record the fault phenomenon and contac- i the dealer for re- pair
There is sound after start but no display on the screen	<ol style="list-style-type: none"> 1.Damaged screen 2.Program error 3.The main control board compo- nents are damaged 	<ol style="list-style-type: none"> 1. Check the connection between the screen and the main contrai board to eliminate faults such as poor contac- i or virtual soldering of components. If the screen is damaged, replace it 2.Power off and restart 3.Record the fault phenomenon and contac- i the dealer for re- pair
Inaccurate date	<ol style="list-style-type: none"> 1.Check if the settings are correct 2.The clock battery of tha main control board runs out 3.The main contro! board compo- nents are damaged 	<ol style="list-style-type: none"> 1. Reset 2. Ralplace the battery 3. Record the fault phenomenon and contac- i the dea- ler for repair
Stopped during sealing	<ol style="list-style-type: none"> 1.Program errar 2.Heating plate overheat protection 3.Damaged motor 4.The main control board compo- nents are damaged 	<ol style="list-style-type: none"> 1.Power off and restart 2.Tum off the switch and let the machine cool down to the room temperature to start 3.Check the connection between the motor and the main control board to eliminate faults such as poor contac- i, and check if the motor is damaged, if yes, replace it 4.Record the fault phenomenon and contac- i the dealer far re- pair
Plastic film wrinkled or melted	<ol style="list-style-type: none"> 1.The working temperature is set too high 2.Sealing machine temperature control is not accurate 	<ol style="list-style-type: none"> 1. Lower the sealing temperature setting 2. Contact the dealer far repair
The seal is not firmly bonded or the sealing line is uneven	<ol style="list-style-type: none"> 1.The working temperature is set too low 2.Sealing machine temperature control is not accurate 3.Plastic film thickness is too large 4.The pressure of the pressing whe- el is small 5.Moisture or stains on the seal 6.Dirt on the pressing wheel 	<ol style="list-style-type: none"> 1.Higher the sealing temperature setting 2.Contact the dealer for repair 3.Adjust or replace the compression spring appropria- tely 4. Change a clean package 5.Clean the dirt

16 - ELECTRIC DRAWING



17 - INFORMATION FOR THE SHIPMENT

If is necessary to ship the sealer for repair, inspection, overhaul, follow the following informations:

- Use the original packaging, if that is no longer in your possession using adequate packaging. The goods travel with the risk borne by the sender.
- Send only the sealing (do not put any component contained in the accessory kit).
- Thoroughly clean the sealing.
- Indicate in writing, packaging and insert a document where you indicate precisely the anomaly or service that you intend to qualify.
- Also specify in writing the following information: address, name of the study, the opening hours.



CAUTION:

All non-original packaging that are received there will be disposed of. The autoclaves will be back with new and original packaging, this to ensure maximum protection to your product during transport.
If not present at the machine receiving the packaging cost you will be charged.

18 - WARRANTY

- 1) **DURATION:** the product is covered by a warranty period of 24 months
- 2) **EXCLUSION:** the guarantee excludes:
 - a) faults originating from lack of maintenance and due to negligence or improper use of the product;
 - b) periodic checks and maintenance;
 - c) repair or replacement of parts subject to wear that are fragile or have an unpredictable life, unless shown to be faulty at the time of their delivery;
 - d) Corst related to workforce, transfer of technical personnel and transport;
 - e) faults or damage originating from improper use and operating errors;
 - f) faults or damage originating from contamination in the fuel systems of water and air, chemical or electrical events extraordinary;
 - g) faults or damage arising from use of detergents, disinfectants, sterilizing fluids or processes that are not expressly mentioned in the user's manual;
 - h) natural color change of plastic components.
- 4) **LIMITS:** the guarantee entitles you to free replacement or repair of defective parts. However, it is excluding the right to replace the entire unit. As for components either applied or added branded products Medical Trading Srl or by third parties, having their own guarantee certificate, the conditions, limits and exclusions indicated in the certificates.
The performance of one or more repairs during the warranty period does not involve any change to the expiration date of the guarantee.
- 5) **CLAIMS:** in the event of a challenge by the Purchaser on the application of the guarantee, the quality or conditions of the delivered equipment, the Purchaser shall in no way suspend and / or delay payments.
- 6) **DISPUTES:** if a dispute arises on the application and interpretation of this Certificate of Guarantee, shall be the Court of Varese (Italy), everywhere was entered into the purchase agreement.
- 7) **EXCEPTIONS:** special derogations granted in regard to these rules of warranty, do not imply recognition of any rights to the Buyer and shall be considered as granted for a specific case.
- 8) **OTHER:** although not expressly provided in this Certificate of Guarantee, the rules contained in the Civil Code and existing relevant Laws in the Republic Italian.

TAURUS ROTARY SEALER




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GUARISCO

MEDICAL STERILIZER

SEALER



PACKING SYSTEMS

THERMO SEALER

Sealer SAGITTARIUM

**Maximum Efficiency,
minimum space.
Ideal for compact
and dynamic offices!**

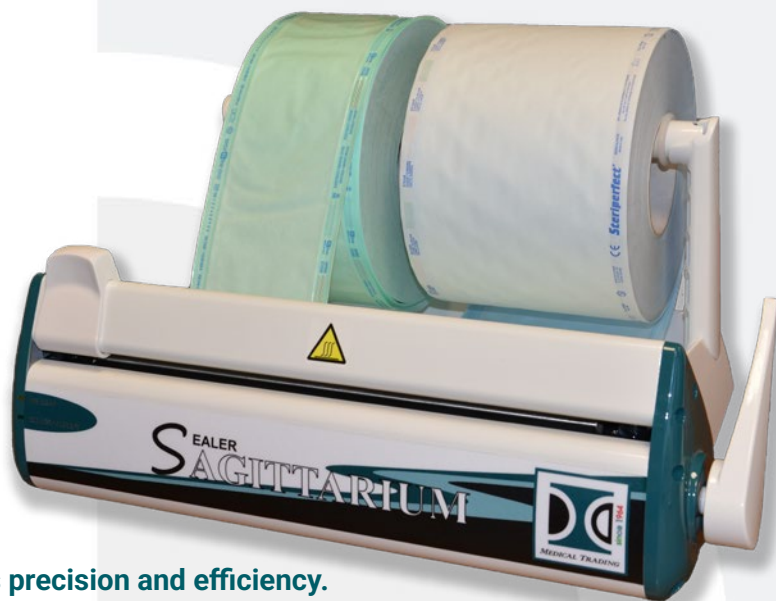
SAGITTARIUM is the latest generation of innovative **electronic heat sealer**, a product with a sophisticated design that **combines precision and efficiency**.

Designed to optimize sealing times and ensure maximum control over the quality of the seal, this heat sealer represents excellence in its field.

Equipped with an **advanced electronic board**, **SAGITTARIUM** ensures constant monitoring and maintenance of sterilization. Thanks to **electronic control of parameters** (time and temperature), it offers **perfect sealing** with a **12 mm band**, far exceeding regulatory standards. **Acoustic and light signals** facilitate use, indicating the machine's operating status in real time.

Compact and adaptable SAGITTARIUM adapts to any work environment: it is equipped with an **integrated support** to accommodate different rolls **up to 320 mm**. The body, made of **resistant, lightweight, and recyclable** materials, **combines robustness and modern design**, giving the machine an elegant and functional appearance.

*Practicality, reliability, and technology come together in **SAGITTARIUM**, the perfect solution for those seeking superior performance and cutting-edge design.*



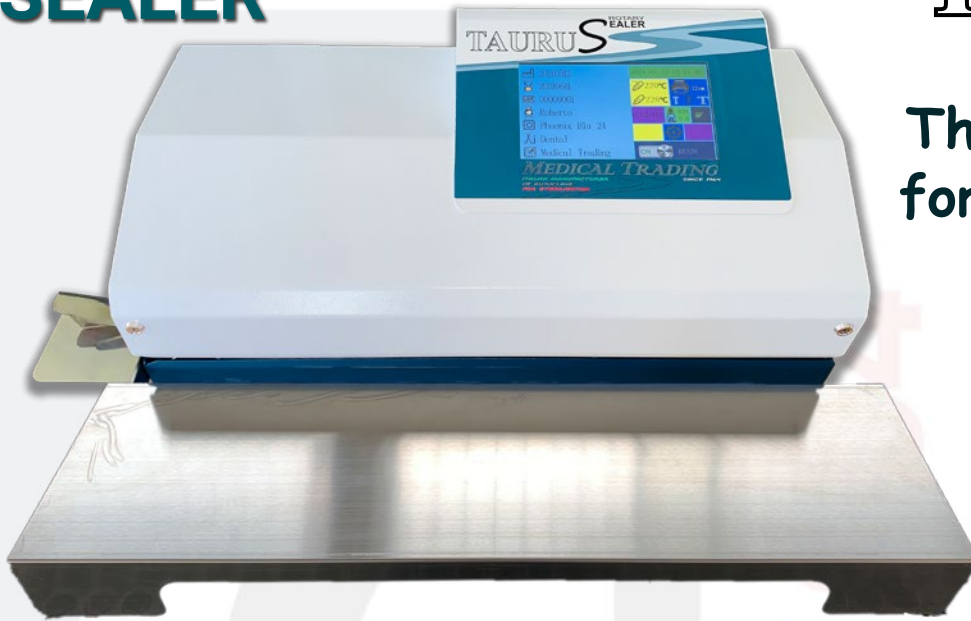
TECHNICAL DATA

Sealing type:	Constant heat
Sealing bar width:	12 mm
Sealing bar length:	320 mm
Roll holder dimensions:	320 mm.
Cutting system:	Built-in and manual
Temperature	200±10 °C (Automatic control)
Max heating time	3 minutes
Sealing time	3 seconds (Can be increased as needed)
Sealing information	Signal lights and sounds
Dimensions: L x H x W	365x245x310 mm.
Weight	Net 4.8 kg. - Gross 7.0 kg
Power	500 Watts
Voltage	230/240 V.
Frequency	50/60 Hz
Material	Steel / Injection-molded ABS

PACKING SYSTEMS

ROTARY SEALER

TAURUS^{rotary} sealer



The complete solution for Automatic, Precise and SAFETY Sealing!

Thanks to its innovative **conveyor belt system**, **TAURUS** revolutionizes the packaging process: simply insert the bag and the **photocell**, together with the automatic belt, takes care of positioning and **perfect 12mm sealing**, ensuring consistent, error-free results.

The **7" touchscreen** allows you to **adjust each parameter** and **customize all printing data** directly on the bag - from basic information such as date and operator, to details of the sterilization cycle and the type of instrument or expiration date. But that's not all: Taurus offers complete **digital traceability**, allowing you to save the entire sealing documentation on a **USB stick**, perfectly compliant with the **EN ISO 11607-2** standard.

An integrated system that combines advanced automation, operational flexibility, and regulatory compliance, ideal for facilities seeking efficiency without compromising on quality and process documentation.

With **TAURUS** every sealed bag tells its story—and your facility demonstrates its utmost commitment to safety and traceability.

TECHNICAL DATA

Sealing type:	Automatic feed rotary sealing machine
Display	7" TFT color graphic touchscreen
Printer	24-point matrix, double line, special characters
Adjustable sealed edge:	0–40 mm
Sealing width:	12 mm
Sealing length	Unlimited
Minimum distance between seal and contents.	>30 mm (DIN 58953-7:2003)
Sealing temperature	60-220°C ± 1°C (controlled tolerance)
Sealing speed	10 m/min (controlled)
Contact pressure	80 - 120 N (controlled)
Heating time	40 seconds
Sealing completion information	Signal lights and sounds
Material to be sealed	Envelopes/Rolls EN 868-5 - EN 868-4 - Bellows
Power	500 Watt
Voltage	230/240 V.
Dimensions: LxWxH	560x260x220 mm.
Weight	Net 18 kg. - Gross 20.0 kg

PACKING SYSTEMS

ROLLS and BAGS for STERILIZATION

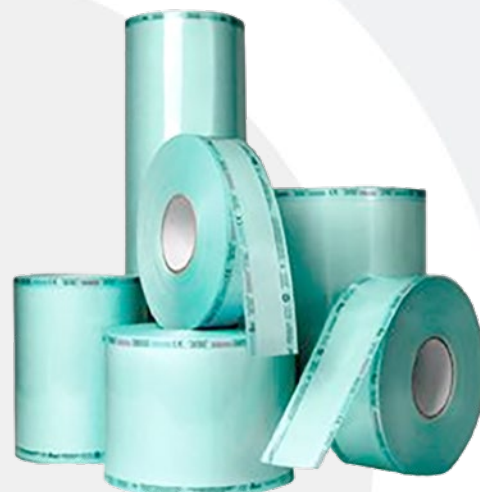
Our products for STEAM, EO, and FORM sterilization consist of a layer of transparent laminated film, made from corona-treated polyester and peelable, shutterless cast polypropylene, and certified kraft paper, specially designed to ensure high antibacterial protection for STEAM, EO, and FORM medical sterilization. The ISO 11140-certified inks are water-based and non-toxic with excellent color change.

► Class I

STERILIZATION ROLLS FLAT OR GUSSETED

AVAILABLE SIZES

mm 50 × 200 mt	mm 75 × 100 mt
mm 75 × 200 mt	mm 100 × 100 mt
mm 100 × 200 mt	mm 120 × 100 mt
mm 120 × 200 mt	mm 150 × 100 mt
mm 150 × 200 mt	mm 200 × 100 mt
mm 200 × 200 mt	mm 250 × 100 mt
mm 250 × 200 mt	mm 300 × 100 mt
mm 300 × 200 mt	mm 350 × 100 mt
mm 350 × 200 mt	mm 400 × 100 mt
mm 400 × 200 mt	mm 500 × 100 mt



STERILIZATION BAGS FLAT OR GUSSETED

AVAILABLE SIZES

mm 50x250	mm 100x450
mm 75x150	mm 100x500
mm 75x200	mm 100x550
mm 75x250	mm 150x200
mm 75x300	mm 150x250
mm 75x400	mm 150x300
mm 100x150	mm 150x350
mm 100x200	mm 150x400
mm 100x250	mm 150x450
mm 100x300	mm 200x300
mm 100x350	mm 200x350
mm 100x400	mm 200x400



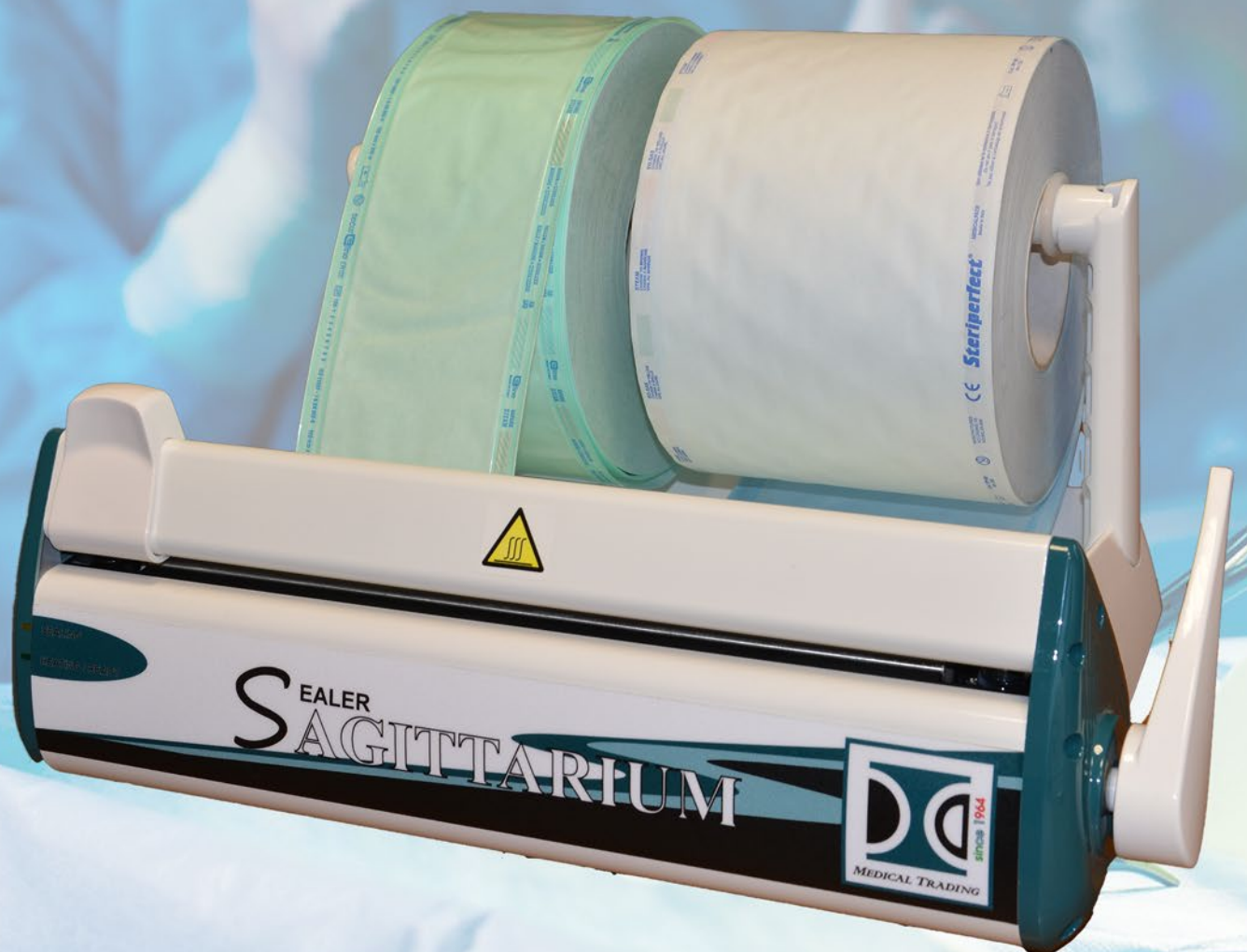
SELFSEALING POUCHES

AVAILABLE SIZES

mm 60 × 110 (film length)	200 pcs/box
mm 90 × 230 (film length)	200 pcs/box
mm 90 × 330 (film length)	200 pcs/box
mm 140 × 250 (film length)	200 pcs/box
mm 140 × 330 (film length)	200 pcs/box
mm 190 × 330 (film length)	200 pcs/box
mm 230 × 365 (film length)	100 pcs/box
mm 300 × 370 (film length)	200 pcs/box
mm 330 × 440 (film length)	200 pcs/box



Sealer SAGITTARIUM



CUTTING UNIT UNITA' DI TAGLIO

CUTTING UNIT CAPRICORNUS 365



The **CAPRICORNUS 365** Cutting Unit is a **practical support system** designed for efficient handling and cutting of medical and industrial rolls, with a **maximum diameter of 320 mm**.

Constructed from **stainless steel** and **ABS plastic**, this unit combines durability with effortless cleaning while maintaining strict hygienic standards—even in sterile environments. It also features a convenient **roll holder** that allows rolls to rotate smoothly, simplifying both dispensing and cutting operations. Its functional design not only ensures neat roll storage but also enables smooth, controlled material dispensing. The integrated cutting system guarantees precision and convenience, allowing clean sectioning of the tape—even at full roll capacity—without removal.

Ideal for medical departments, laboratories, and industrial settings, this unit offers a durable, hygienic, and ready-to-use solution. Its adaptable design accommodates varying roll widths while delivering consistent, high-performance operation.

TECHNICAL DATA

Dimension: L x H x W	365x245x310 mm.
Roll holder width:	320 mm.
Cutting system:	Incorporated
Weight	Net 4 kg. Gross 6,0 kg
Structure material	Steel / ABS injection



The **CAPRICORNUS 623** and **CAPRICORNUS 903** Cutting Unit is a **practical support system** designed for efficient handling and cutting of medical and industrial rolls, with a **maximum diameter of 320 mm**.

Constructed entirely from stainless steel, it combines durability with easy cleaning, maintaining high hygienic standards even in sterile environments. Its functional design not only ensures neat roll storage but also enables smooth, controlled material dispensing. The integrated cutting system guarantees precision and convenience, allowing clean sectioning of the tape—even at full roll capacity—without removal.

Ideal for medical departments, laboratories, and industrial settings, this unit offers a durable, hygienic, and ready-to-use solution. Its adaptable design accommodates varying roll widths while delivering consistent, high-performance operation.

TECHNICAL DATA		
Dimension: L x H x W	623 x373x294 mm	903x373x294 mm.
Roll holder width:	510 mm	790 mm
Cutting system:	Incorporated	Incorporated
Weight	Net 10,1 kg. Gross 12,0 kg	Net 13,1 kg. Gross 1,0 kg
Structure material	Stainless Steel	Stainless Steel

SEALER



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3 - TECHNICAL DATA

TECHNICAL DATA	
Type of seal:	Rotary sealer
Display	7" TFT graphic colour
Input keyboard	Touchscreen
Printout	24-dot matrix, single lined, for special characters
Sealing characteristics:	
Sealed edge infinitely adjustable	0 – 40 mm
Seal seam width	12 mm
Seal length	Unlimited
Sealing seam distance from pack content	>30 mm (DIN 58953-7:2003)
Seal temperature range	60-220°C ± 1°C(tolerance monitored)
Sealing speed	10 m/Min (monitored)
Contact pressure	80 - 120 N (monitored)
Warmup Time	40 seconds
Tolerance limit motor stop temperature	± 5 °C
Sealing information completed	Light and sound alerts
Sealing material	Puches/Rolls EN 868-5 Puches/Rolls EN 868-4 Puches/Rolls gusseted
Electrical connection	
Power	500 Watt
Voltage	230/240 V.
Frequency	50/60 Hz
Fuse	5A x 2
Mechanic	
Dimension: LxWx H	560x260x220 mm.
Weight	Net 18 kg. Gross 20,0 kg
Noise intensity [dB/ A]	<60
Housing cover	Steel AISI 304 (White)
Housing buttom	Steel AISI 304 (Ral5020)

4 - MAIN FUNCTION

1. 7 inch color LCD touch screen, graphical user interface, built-in clock and parameters can be set and have automatic storage function
2. You can set or change the equipment usage parameters and the operator, department, item name and customization etc. that need to be printed through the built-in color touch screen, at the same time, the corresponding setting content is printed by the sealing machine
3. Computer Intelligent Temperature Control,
4. Working temperature 60 to 220 °C
5. Temperature accuracy $\pm 1^{\circ}\text{C}$
6. High-speed heating design: It only takes 40 seconds for room temperature to rise to 180 °C, Energy efficient, Meet the needs of fast-paced work
7. Auxiliary cooling design: equipped with microcomputer controlled cooling mechanism, reduce the waiting time for switching from high temperature sealing to low temperature sealing, can effectively improve work efficiency
8. Safety Temperature control: When the actual temperature exceeds the set temperature $\pm 4^{\circ}\text{C}$, the machine will automatically stop working, effectively guarantee the quality of the sealing and the safe operation of the equipment
9. Sealing speed 10 m / min, using light contrast technology to achieve automatic detection of sealing and printing
10. Sealing width 12 mm, the sealing index meets the requirements of the standard-
11. The sealing edge is adjustable from 0 to 35mm
12. Design of floating constant pressure lamination structure, to meet the sealing needs of three dimensional bags and paper bags of different thicknesses
13. The expiration date can be adjusted automatically according to the set effective days
14. Automatic fault alarm indication, can realize the automatic detection of the working process, various faults can be automatically alarmed or prompted;
15. Three types of printing font selection: narrow, normal and wide, combining symbol printing mode, print more content on a relatively narrow packaging
16. The system will give the print width value according to the selected print content, automatic accounting print minimum bandwidth, help the operator determine the number of items before printing to select the appropriate paper-plastic bag, remind before sealing when the width of paper and plastic bags is insufficient
17. The printing function can realize one-click closing or close an item selectively, it is convenient for the operator to quickly switch between printing and non-printing
18. Automatic energy saving standby: adjustable standby time and standby temperature, smart standby recovery, can be restored to operating temperature at high speed
19. Advanced flat ceramic heating components, heat up fast, heat evenly, high temperature resistance, long life, high thermal efficiency



GUARISCO MEDICAL STERILIZERS



DICHIARAZIONE CE DI CONFORMITA' CE DECLARATION OF CONFORMITY

La sottoscritta / THE BELOVE MENTIONED FIRM :

GUARISCO MEDICAL STERILIZER S.r.l.
VIA VIVALDI, 8
I-22071 - CADORAGO (CO) - ITALY

DICHIARA SOTTO LA PROPRIA RESPONSABILITA' CHE L'APPARECCHIO :
DECLARES, UNDER ITS OWN RESPONSIBILITY THAT THE DEVICE :

Tipo / TYPE

SEALER

Modello / MODEL

TAURUS

Matricola / SERIAL NUMBER

51 B B T A 0001

Anno di costruzione /
MANUFACTURING YEAR

2026

Descritto in appresso /
DESCRIBED AS FOLLOWS

Sigillatrice per Buste carta / plastica
SEALING ENVELOPES FOR PAPER / PLASTIC

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We certify that this document is a true and faithful copy of the original.

-Code 6 07 0001 005 0CE - Rev. 3/23

QUESTO APPARECCHIO E' CONFORME ALLE DIRETTIVE 2006/42/EC, 2014/35/EU, 2014/30/EU ED E' REALIZZATO SECONDO I SEGUENTI STANDARD : EN 55014-1:2017, EN IEC 61000-3:2019, EN 61000-3-3:2013/A1:2019, EN55014-2:2015, EN 60335-1:2012+A11:2014+A13:2017+A14:2019+A1:2019+A2:2019, EN 62233:2008 ASSOLVE QUINDI I CRITERI DI CONFORMITA' CE.

CONFERMIAMO INOLTRE CHE È CONFORME AI SEGUENTI STANDARD: EN ISO 11607-1 E EN ISO 11607-2.

THIS DEVICE COMPLIES WITH DIRECTIVES 2006/42/EC, 2014/35/EU, 2014/30/EU AND IS MANUFACTURED IN ACCORDANCE WITH THE FOLLOWING STANDARDS: EN 55014-1:2017, EN IEC 61000-3:2019, EN 61000-3-3:2013/A1:2019, EN55014-2:2015, EN 60335-1:2012+A11:2014+A13:2017 +A14:2019+A1:2019+A2:2019, EN 62233:2008. THIS DEVICE THEREFORE FULFILLS THE CE CONFORMITY CRITERIA. WE ALSO CONFIRM THAT IT COMPLIES WITH THE FOLLOWING STANDARDS: EN ISO 11607-1 AND EN ISO 11607-2.

GUARISCO MEDICAL STERILIZER S.R.L.

L' Amministratore unico

Cadorago li

01/01/2026

