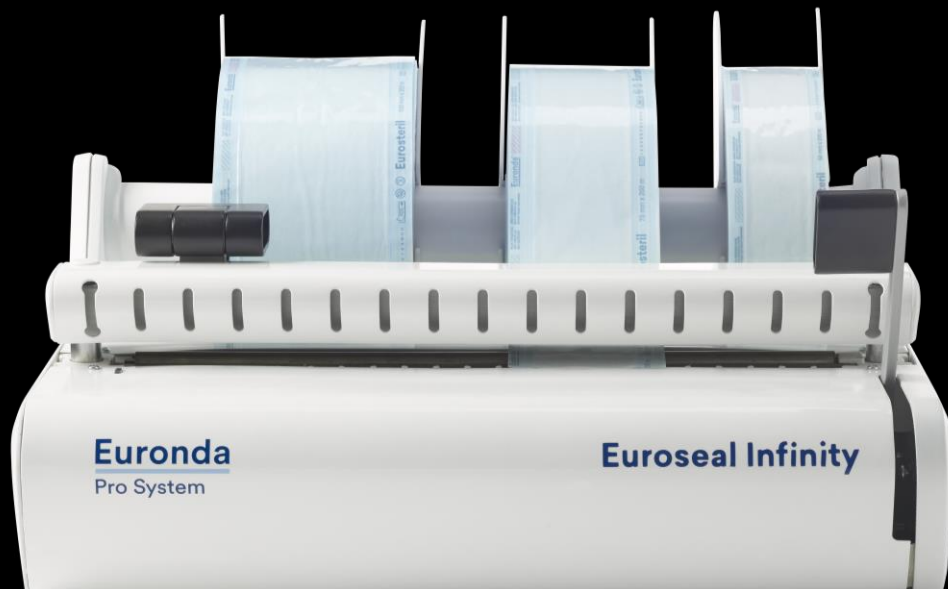


Instructions manual

Euroseal[®] Infinity



Euronda[®]

Dear Sir or Madam,

*we would first of all like to thank you for purchasing an **Euroseal® Infinity** sealing & cutting station.*

Please feel free to contact us if you require any further information or have any queries concerning the operation and use of this equipment.

Please note that, in order to ensure that the unit is used correctly, you must read this manual carefully before setting the unit to work. Our equipment is designed in compliance with current safety standards and does not constitute a hazard for the user, provided that all the instructions are observed. Please also note that Euronda S.p.A. declines all liability for incorrect or insufficient interpretations of the translations of this manual: in the event of a dispute, only the manual written in the Italian language shall apply.

While wishing you success in your work, we remind you that the reproduction of this manual is forbidden and that the technical components may be changed without notice due to our ongoing technical research.

EURONDA S.p.A.

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INTRODUCTION

GENERAL NOTES ON DELIVERY

When the unit is delivered, check the state of the packaging (keep the packaging for future use).

Open the packaging and check that:

- the delivered unit corresponds to technical specifications;
- there are no obvious signs of damage.

In case of damage or missing parts, inform immediately either the shipping agent, the dental depot or Euronda S.p.A.

All of the dimensions listed in this manual are not binding.

The sketches and any other consigned documents regarding this machine are property of Euronda S.p.A., which reserves all rights. They can not be made available to any third parties.

It is forbidden to reproduce all or part of the text or illustrations.

GENERAL INSTRUCTIONS

The purpose of this manual is to give instructions on:

- correct installation;
- the safe and efficient use of the unit;
- routine maintenance.

The unit must be used according to the procedures contained in the manual and only for the purpose for which it was designed.

CAUTION

- The intended protections could be compromised if the unit is used in ways other than those specified by the manufacturer.
- Only use the original power lead supplied with the unit.
- Pursuant to article 33 of regulation 1907/2006 (REACH), we hereby confirm that the heating element of the unit contains boric acid CAS NO. 10043-35-3. However, this substance cannot enter into contact with the user or the sterilised tools, as it is sealed inside the heating element. There are therefore no associated risks or special precautions to implement during normal use.

The operator is the person who physically uses the unit for the purpose for which it has been designed. **The responsible authority** is the person or group responsible for the use and routine maintenance of the unit and for operator training. The responsible authority is legally responsible for the installation, operation and use of the unit.

The manufacturer shall not be held responsible for any running problems or any breakages or injuries caused by the unit if it is used incorrectly or not maintained properly.

Intended use: This manual is an integral part of the product and must be kept near the unit for quick and easy consultation. The unit is designed for use by professional, qualified persons only. The unit must be used for its intended purpose only.

EUROSEAL® Infinity: unit used to seal rolls and pouches made of laminated paper/polyethylene for packing sterilised tools used in the medical, veterinary, podology and tattoo sectors.

Not suitable for rolls of other materials.

EXPLANATION OF SYMBOLS

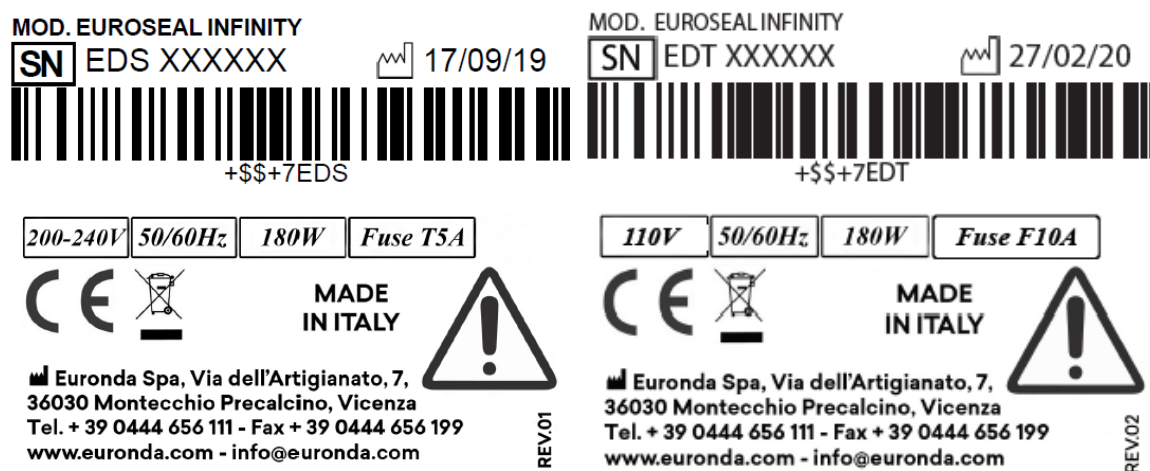
Safety symbols on the equipment:

SYMBOL	DESCRIPTION
	CAUTION: HOT SURFACE

The label of the unit bears symbols the meaning of which is shown below.

RATING PLATE

The following rating plate shows the main data and characteristics of the unit. This information is necessary to identify the unit when ordering spare parts and/or requesting information. The information shown in the following figure is subject to change.



SYMBOL	DESCRIPTION
SN	“SERIAL NUMBER” The symbol must be followed by the manufacturer’s serial number. The serial number must be adjacent to the symbol.
	“PRODUCTION DATE” The symbol must be accompanied by the year. The year must be composed of four digits.
	“WARNING, READ THE INSTRUCTIONS MANUAL”
	The symbol on the appliance means that it must be disposed of as “sorted waste”.

In the manual there are, in addition, symbols adjacent to a description or a note, etc. These symbols are intended to draw the attention of the reader to a particular note or explanation. Their meanings are explained below.

SYMBOL	DESCRIPTION
	IMPORTANT SAFETY INFORMATION. This symbol is used to draw the reader's attention to particularly important notions for operator safety.
	INFORMATION AND PRECAUTIONS This symbol refers to general indications and advice.

WARRANTY

Euronda guarantees the quality of its equipment, if used in accordance with the instructions supplied in this manual, and according to the conditions printed on the warranty certificate.

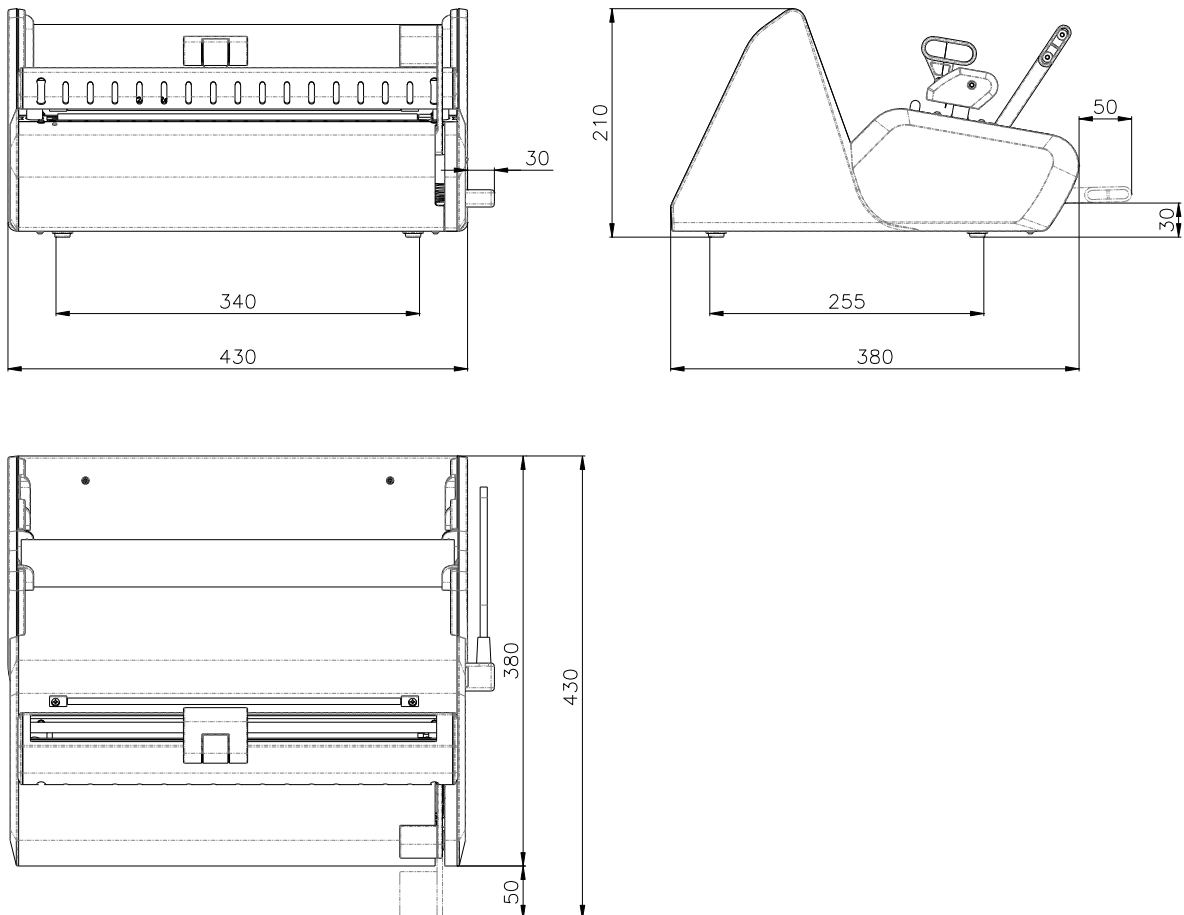
The warranty starts when the unit is registered on the www.euronda.com/myeuronda website. Such registration must take place at the moment of the sale of the same to the end user.

In case of no registration, the date indicated on the purchase invoice, showing the serial number of the unit, shall apply.

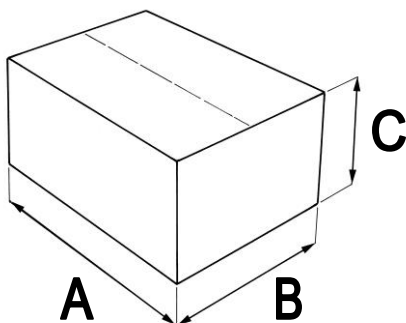
NOTE: please retain the original packaging and use it each time the unit needs to be transported. The use of different packaging could damage the product during transportation.

CHAPTER 1

1.1 - UNIT AND PACKAGING DIMENSIONS



Dimensions of the EUROSEAL® Infinity sealing & cutting station



Overall dimensions of packaging:

A = 510 mm
B = 470 mm
C = 240 mm

Total weight of packaging: 8 kg

1.2 DESCRIPTION OF CONTENTS

Description	Quantity
Sealing & Cutting station	1
Roll-holder tube	1
Roll stopper	2
Mains wire	1
Spare fuse T5A 5x20 or F10A 5x20	1
Instruction manual and documents	1
Silica gel	2

CHAPTER 2

2.1 - INSTALLATION

Remove the packaging and install the unit, taking the following precautions:

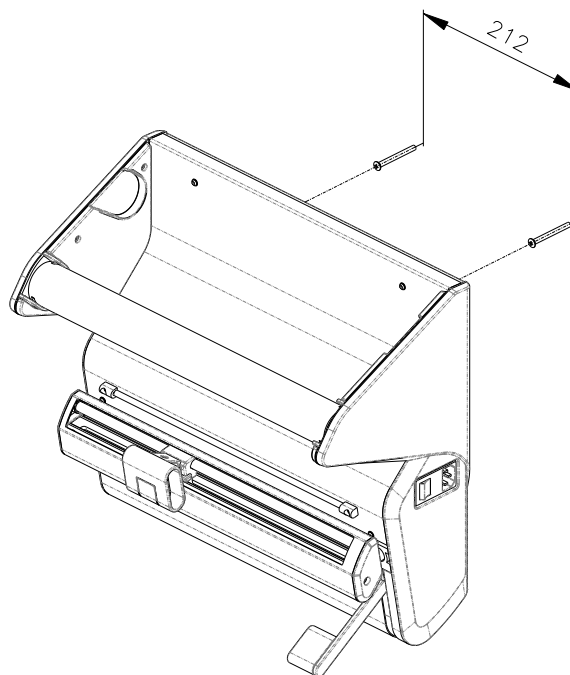
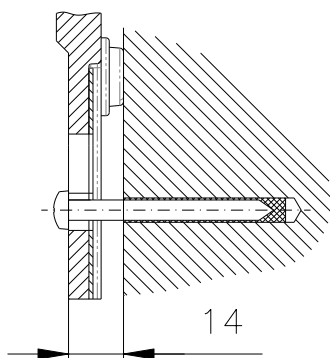
1. Position the sealing & cutting station on a flat surface with sufficient working space around it.
2. Do not install the machine next to sinks or anything similar in order to avoid contact with water and the short circuiting of the electrical system.
3. Avoid proximity to sources of heat.
4. Install the machine in an area with normal ventilation.
5. Make sure that the mains wire is not bent and that it is free of obstruction up to the electric socket.
6. The unit must be placed so that the plug is accessible.
7. Plug in to the socket; the unit is ready for use.

2.2 - WALL MOUNTING INSTRUCTIONS (OPTIONAL KIT)

The **wall mounting** of the sealing and cutting station requires the purchase of the appropriate optional kit and the following of the instructions below.

- 1) Fix two 6 mm dowel screws to the wall (screw head max. diameter 9.5 mm; screw stem max diameter 5 mm) at a distance of 212 mm from each other.

Make sure that the screws protrude from the wall by 14 mm to allow the mounting of the sealing & cutting station.

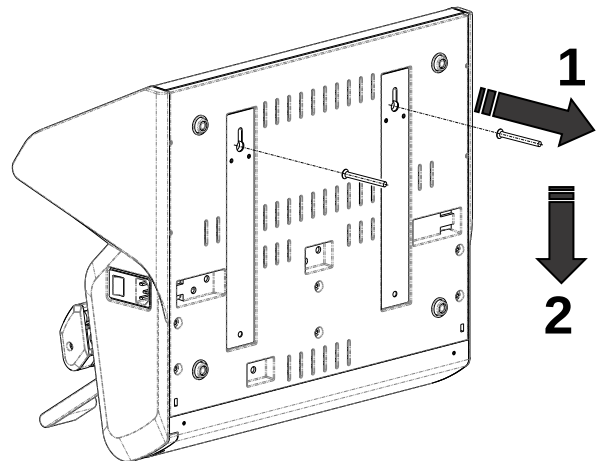


CAUTION:

Use dowel screws that are suitable for the type of wall (cement, brick, plasterboard etc.).

- 2) Fasten the two plates to the machine using the screws supplied with the kit.
- 3) Attach the sealing & cutting station to the two screws on the wall.

Place the holes of the sealing & cutting station on the screw heads **(1)** and push down **(2)** to secure it in position.



- 4) Insert the tube with the rolls.

**CAUTION:**

Insert the tube on the roll-holder of the sealing & cutting station and turn as necessary to make sure that the tooth of the roll holder catches the slot on the tube.

CHAPTER 3

3.1 - SAFETY



Before using your EUROSEAL® Infinity sealing & cutting station, please read this safety information very carefully. A failure to observe this information could cause accidents or damage to the machine.

- Before using the unit, operators must have perfectly understood the meanings and functions of all the controls.
- Operators must be aware of and know how to apply the safety regulations governing the use of the unit.
- Operators must know and correctly interpret all indications contained in this manual and those applied to the unit.
- Operators must not perform operations on their own initiative or operations that are not part of their job.
- The responsible authority must instruct and train the operator to use and service the unit safely; in particular, it must ensure that the information contained in this document are correctly understood.



NEVER PLACE YOUR FINGERS NEAR THE SEALING AREA WHEN THE MACHINE IS ON.

NEVER PLACE YOUR FINGERS UNDER THE SEALING AREA GUARD WHEN LOWERING THE SEALING HANDLE.

NEVER PLACE YOUR FINGERS IN THE CUTTING BLADE SLIDING AREA.

KEEP THE SEALING & CUTTING STATION IN A CLEAN AND DRY AREA.

NEVER DISMANTLE THE EUROSEAL® INFINITY SEALING & CUTTING STATION. THE HIGH VOLTAGES INSIDE THE UNIT ARE HAZARDOUS.

In the case where the electric power cannot be disconnected, turn the mains switch to the "OFF" position, and if it is out of sight or reach of the maintenance operator, place a "Work in progress" sign on it.



CLEAN THE MACHINE WITH A DAMP CLOTH, AFTER ENSURING THAT THE CONNECTION CABLE HAS BEEN UNPLUGGED (before reusing the machine make sure that it is completely dry). DO NOT USE SOLVENTS ON THE LABEL.

MAKE SURE THE SYSTEM IS EARTHED ACCORDING TO CURRENT LAW IN THE COUNTRY OF INSTALLATION.

DO NOT REMOVE THE LABEL ON THE UNIT.

MAKE SURE THAT THE MACHINE IS CONNECTED TO THE CORRECT ELECTRICAL VOLTAGE.

ONLY USE ORIGINAL SPARE PARTS.

In case of machine operating fault, see the "troubleshooting" section of the manual for the possible causes. If you require further information or the machine needs to be repaired, contact the specialised personnel of the supplier or the technical office of Euronda S.p.A.

WARNING

- The machine conforms to the safety regulations established by the Standards Institute and has a two prong plug which ensures that the apparatus is shock resistant.
- Only the heater is connected to the earth, as the rest of the machine has double insulation.
- A fundamental safety requirement is to check that the electrical system is adequately earthed and that the capacity of the system and the sockets are suitable for the power of the unit indicated on its identification label. Have the system checked by qualified personnel.

EURONDA S.p.A DECLINES ALL LIABILITY IF THE ABOVE IS NOT OBSERVED.

3.2 - ELECTRICAL CONNECTION

Check that the power voltage indicated on the label at the side of the machine matches the voltage of the place of installation.

The machine must be connected to an electrical system with adequate voltage which corresponds to all standards laws of the country of installation.

The machine can be powered 24/7.

**CAUTION:**

do not bend the power lead or put objects of any kind on top of it.

CHAPTER 4

4.1 - SEALING & CUTTING STATION DESCRIPTION

Euroseal® Infinity is the latest continuous cycle and constant temperature Euronda sealing & cutting station with a guaranteed sealing of 12 mm. Euroseal® Infinity is a machine with a modern, innovative and ergonomic design, easy to use and to clean, with rounded contours and fitted with a roll holder of overall size contained within the minimum length of the machine. 100 or 200 metre paper/polypropylene sterilisation rolls can be installed inside the machine. The new applied technology minimises energy consumption thanks to shorter sealing times and the elimination of the need of cooling times between uses. It also significantly increases the reliability of the sealing & cutting station, simplifying the maintenance of the cutting blade. EUROSEAL® infinity is built in accordance with EU regulations and quality standards.

TECHNICAL FEATURES

Power supply voltage	200 - 240 V	100 - 120 V
Number of phases	1	
Supply frequency	50 / 60 Hz	
Power input	180 W	
Class of protection against electric shock	I	
Insulation class	IPX0*	
Fuses	2 – 5x20mm T5A	2 – 5x20mm F10A
Range of environmental conditions in which the unit was designed to operate	- Indoor use - Altitude up to 2000 m - Temperature: between 5°C and 40°C - Max. relative humidity 85% - Max Variation in Voltage: $\pm 10\%$ - Overvoltage category: II - Degree of pollution: 2 - Temporary short term overvoltages 240 V + 1200 V up to 5 s - Temporary long term overvoltages 240 V + 250 V for more than 5 s	
Switch	Single-pole	
Weight of the machine	7 kg.	
Sealing band	12 mm	
Type of sealing	At constant temperature, between 170°C and 200°C.	
Sealing area width	310 mm.	
Heater	Single, with automatic self-adjustment, suitable for all voltages, not subjected to short circuits, and built following the safety standards.	
Roll-holder	Two positions of use.	
Energy consumption	30% to 50% less than standard impulse sealing machines	
Cooling time	No delay between sealing operations when the machine is on	
Positioning of the tape during the sealing stage	Indifferent (film above or below)	
Blade	Practical, protected, functional and easy to use	
Sealing handle	Ergonomic handle requiring reduced effort	
Design	Ergonomic and rounded	
Colour	RAL 9016, epoxy powder painted	
Periodic maintenance	Not required	

*The first characteristic digit indicates that the enclosure ensures the protection of people from dangerous components, preventing or limiting objects being handled by individuals from entering the enclosure; and at the same time the casing protects the equipment against the penetration of foreign solid bodies. X – not declared
The second digit indicates the class of protection of the casing against harm to the equipment due to the penetration of water into the casing. 0 – no protection.

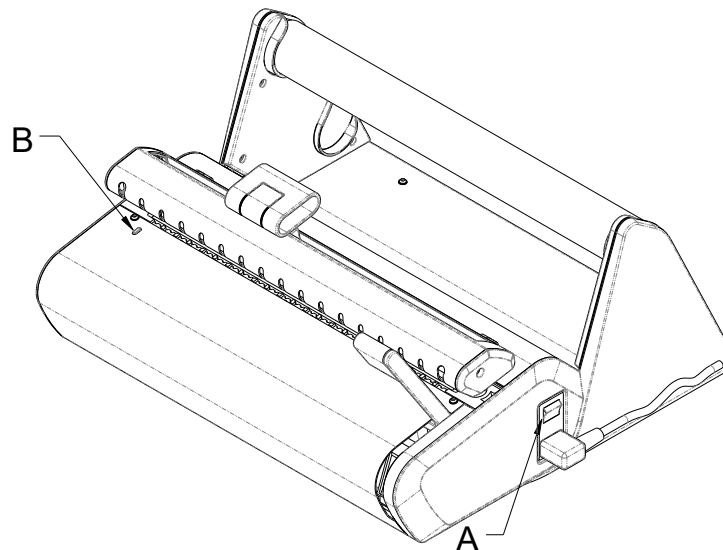
CHAPTER 5

5.1 - INSTRUCTIONS FOR USE

1. Make sure that the device is connected to the electrical supply.

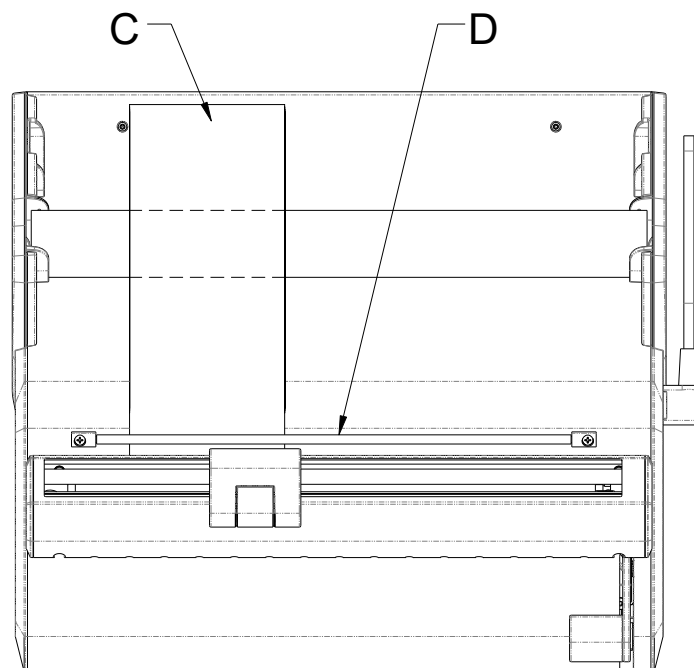
Press the - **A** - switch at the side of the unit.

The - **B** - LED at the front of the machine will be red while the machine is heating, and then flashing green once the optimum sealing temperature has been reached.

**2. Insert the sterilisation roll - C - underneath the roll holder - D -.**

Feed the tape forward until it protrudes by the desired length.

The roll may be positioned indifferently with the tape with the clear film up or down.

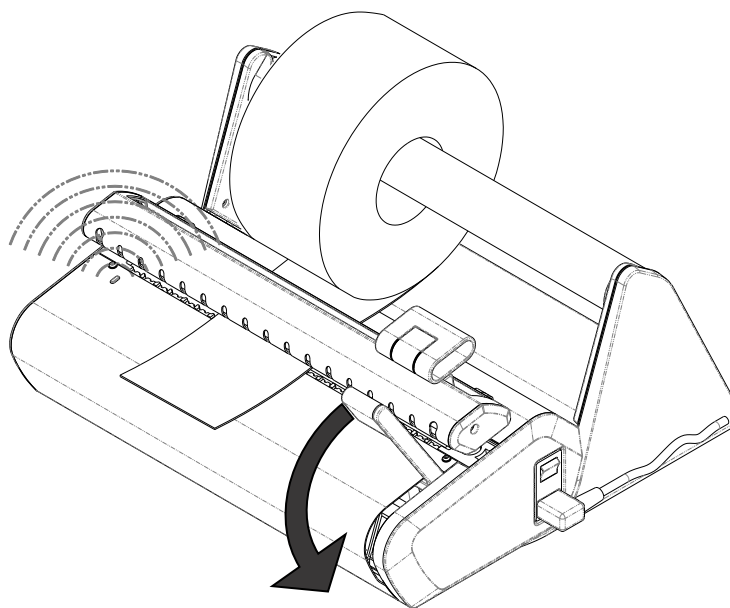


3. Lower the sealing handle.

Slide the cursor of the cutting blade to cut the roll tape to make the pouch (whilst the handle is down).

At the end of the sealing operation, the LED becomes completely red and a sound is emitted by the machine.

At this point the sealing is complete.

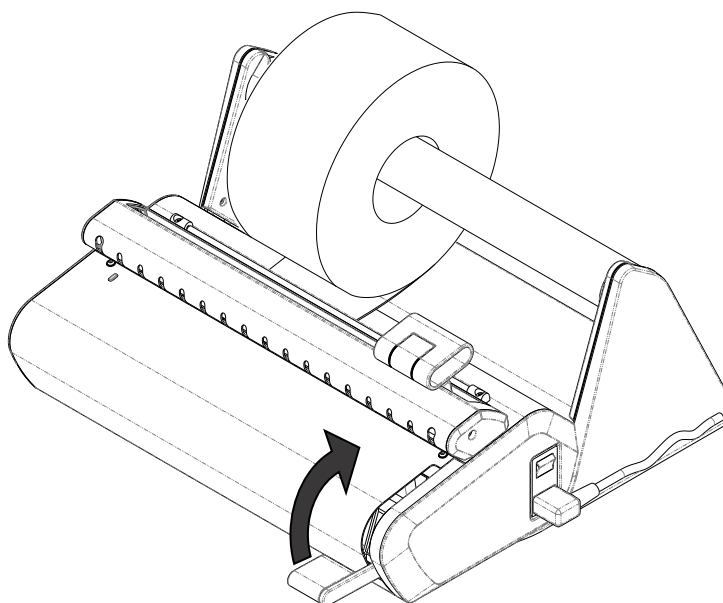


4. Lift the sealing handle.

When the handle is in the upper position, the LED turns green again and the sound stops.

Pull out the pouch.

The machine is ready for sealing the next pouch without the need to wait for it to cool.



CAUTION:

if the operator does not lift the sealing handle after sealing, the heater automatically turns itself off to avoid burning the pouch.
In this case, the LED flashes and the machine produces an intermittent sound.



As soon as the handle is lifted, the heater turns itself back on automatically.
It takes a few seconds for the ideal temperature to be reached and continue with the sealing activity.

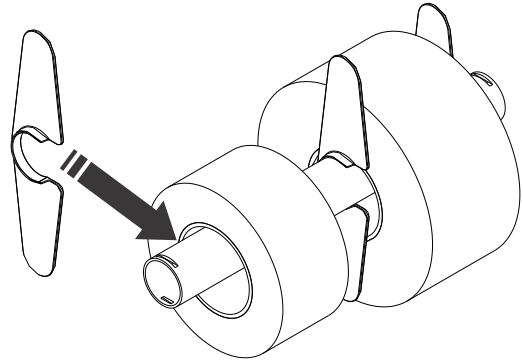
5.2 - ROLL-HOLDER GUIDE

Using the roll holder guide

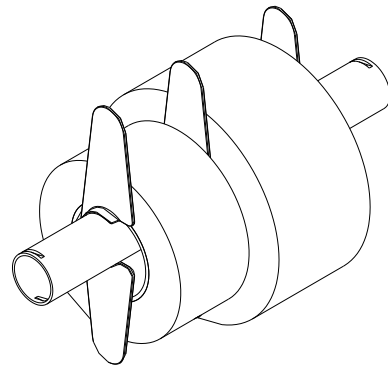
The roll-holder guides provided prevent the paper from falling irregularly out the sides during its unrolling from the roll.

Proceed as follows:

- 1) insert the roll-holder guide on the roll holder tube by applying slight pressure to snap it into place.



- 2) Push the roll-holder guide closer inwards until it holds the paper in place.



CHAPTER 6

6.1 - CLEANING INSTRUCTIONS



CAUTION:
DISCONNECT THE POWER SUPPLY BEFORE STARTING WORK.
Non-observance may cause serious injury to people or may seriously damage the unit.



WARNING:
Before performing any maintenance operations, carefully read the following safety instructions, and particularly chap. 3 "Safety"



WARNING:
when replacing components that directly or indirectly affect **safety**, it is essential to only use **ORIGINAL SPARE PARTS**.



HAZARD:
HIGH INTERNAL VOLTAGES.



CAUTION:
Before cleaning make sure that the machine cooled down.
When cleaning the machine take into account the position of the cutting blade.

ALL MAINTENANCE OPERATIONS MAY ONLY BE PERFORMED BY THE RESPONSIBLE AUTHORITY OR BY THE TECHNICIANS AUTHORISED BY THE ASSISTANCE SERVICE OF EURONDA S.p.A.

Clean the external surfaces of the machine with a soft damp cloth (do not use corrosive or abrasive products), after making sure that the power cable is unplugged from the mains socket.



CAUTION:
Before starting to work make sure that the machine is completely dry.

6.2 - EXTRAORDINARY MAINTENANCE AND PRECAUTIONS

The machine does not require routine maintenance.

ALL EXTRAORDINARY MAINTENANCE OPERATIONS MAY ONLY BE PERFORMED BY THE RESPONSIBLE AUTHORITY OR BY THE TECHNICIANS AUTHORISED BY THE ASSISTANCE SERVICE OF EURONDA S.p.A.

CHAPTER 7

7.1 - TROUBLESHOOTING

PROBLEMS	CAUSE	SOLUTIONS
Flashing red LED and Intermittent sound	Handle in the lower position	Lift the sealing handle
The board LED does not turn on a few minutes after the machine has been turned on	Board broken	Replace the electronic board
	The light doesn't work	Replace the LED
	The heater is not heating	Replace the heater
	No voltage	Wait and/or perform a reset
	Blown protection fuses	Check for possible short circuits or faults, and replace with fuses of the same value
The sealing process occurs normally, but the LED stays green	Micro Switch broken	Replace the micro switch
The heater heats, but the seal is not acceptable	Insufficient sealing pressure	Check the screws securing the silicon rubber support
	Silicon rubber ruined	Replace the silicon rubber

CAUTION: DISCONNECT THE POWER SUPPLY BEFORE STARTING WORK.

ALL EXTRAORDINARY MAINTENANCE OPERATIONS MAY ONLY BE PERFORMED BY THE RESPONSIBLE AUTHORITY OR BY THE TECHNICIANS AUTHORISED BY THE ASSISTANCE SERVICE OF EURONDA S.p.A.

HAZARD: HIGH INTERNAL VOLTAGES

CHAPTER 8

8.1 - INSTRUCTIONS FOR DISPOSAL

The EUROSEAL® Infinity sealing & cutting station has been manufactured using ferrous materials, electronic components and plastic materials.

No particular operations are required after scrapping. Do not dump the unit in an unguarded place; consign it to a waste disposal agency for scrapping.

Always comply with the current laws governing the scrapping of material in the country of use.



The symbol  on the appliance means that it must be disposed of as “sorted waste”.

The user must therefore send (or instruct other people to send) the unit to one of the sorted waste collection centres set up by the local councils, or send it to the dealer against the purchase of an equivalent unit (European Union only).

Sorted waste collection and the subsequent treatment, recovery and disposal operations facilitate the production of equipment using recycled materials and limit the negative environmental and health effects that may be caused by improper waste management.

Abusive dumping by the user will be punished according to law.

