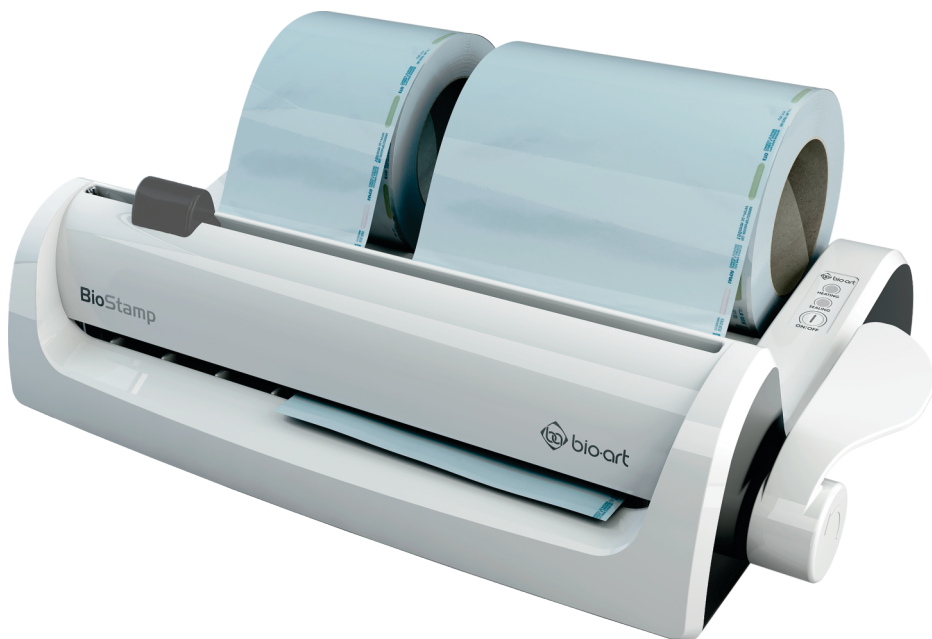


BioStamp



INSTRUCTIONS MANUAL

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► 1 - INTRODUCTION

The Bio-Art BioStamp Sealer features PTC (Positive Temperature Coefficient) heating technology for effective sealing temperature control.

Works with paper rolls up to 300mm wide, with an operation lever and an exclusive paper locking system with cutting blades in both directions.

► 2 - PACK CONTENT

Biostamp Sealer (one unit).

Electric cable 2p+T (one unit).

Instruction Manual (one unit).

► 3 - INSTALLATION

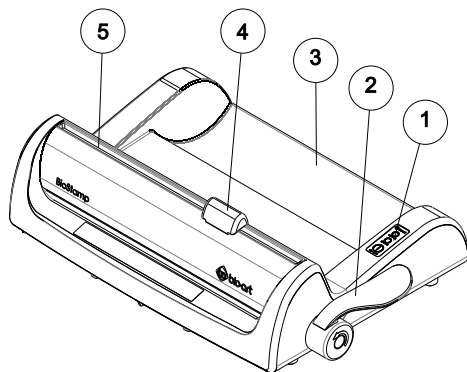
- The sealing machine is manufactured for 127 or 220 VAC voltages, without bivolt switching system and must be connected to an electrical power grid appropriate to its voltage, with grounding and bipolar protection devices.

- To install the paper roll, simply place it on the concave part of the cabinet, ensuring that the plastic surface of the paper is facing upward.

- Do not install the sealing machine in the same outlet as other appliances, machines, or equipment.

- When connecting the power cable to the electric mains, there will be a “beep” sound indicating the presence of electrical voltage.

► 4 - INSTRUCTIONS FOR USE



1 – Electric panel

2 – Operating lever;

3 – Paper roll compartment;

4 – Paper cutting blade carriage;

5 – Track.

1- To turn on the BioStamp sealing machine, press the On/Off button on the electronic panel [01]. The green LED will light up intermittently indicating the heating time of the sealing unit;

2- Wait for the green LED to change from intermittent to continuous light, indicating that the machine is ready for use;

3- To start the sealing process, insert the paper with the plastic face facing upward into the sealing system through the openings in the cabinet. Then, actuate the lever 180° counterclockwise, pressing and locking the paper in. At this moment, the red LED will light up continuously, indicating the start of the sealing process;

4- Wait for the “beep” sound, when the red LED will light up intermittently, alerting that the sealing has been completed successfully;

5- If necessary, cut the paper with the lever still activated, sliding the guillotine to the end of its course;

6- Return the lever to the initial position and the red LED will turn off, indicating that the machine is ready for a new sealing task.

Note:

- The paper cutting carriage cuts the paper in both directions by sliding to both sides across the entire length of the paper. The cutting operation must be performed after sealing, always with the paper pressed;

- Do not operate the lever with the green LED flashing intermittently; doing so will trigger a sound and light signal from the red LED as an alert that the sealer is not yet at the correct sealing temperature;

- If the lever does not return within 10 minutes or the machine is not operated for 60 minutes, it will be turned off as a safety measure..

5 - TROUBLESHOOTING

PROBLEMS	POSSIBLE CAUSE	SOLUTION
The sealer does not turn on when pressing the electronic panel button, green LED remains off.	Lack of power in the sealer.	Check the electric mains, power cable and protection fuse.
Deficient sealing.	Sealer originally 220V working on 127V power grid.	Check the machine voltage according to the electrical mains.
	Insufficient sealing time.	Do not return the lever before the red LED is lit continuously intermittently.
	Residues obstructing the sealing unit.	Check for possible obstructions through the paper insertion window and remove carefully using a plastic spatula.
Paper burns and/or plastic melts during sealing.	Sealer originally 127V working on 220V power grid.	Check the machine voltage according to the electrical power grid.
	Excessive sealing time.	Return the lever when the red LED lights up intermittently.

6 - MAINTENANCE AND CLEANING

- 1 – To clean the cabinet, only use a dry soft cloth; do not use solvents, detergents or chemical products.
- 2 – Do not use metallic or sharp objects to clean any part of the BioStamp Sealer;
- 3 – The user should not perform any maintenance on the BioStamp Sealer, always use authorized technical support.

6.1 Fuse replacement.

- 1 - Disconnect the power supply cable from the socket and from the input connector before replacing the fuse;
- 2 – Insert a small screwdriver into the hole of the fuse holder drawer located in the input connector (AC) forcing it out and then pull the drawer;
- 3 – Check for two fuses, with the fuse further inside the drawer must be replaced by the spare one located behind it;
- 4 – Return the fuse drawer until it is completely inserted;
- 5 – Return the power cable and turn the machine on to check if it is working correctly.

Attention:

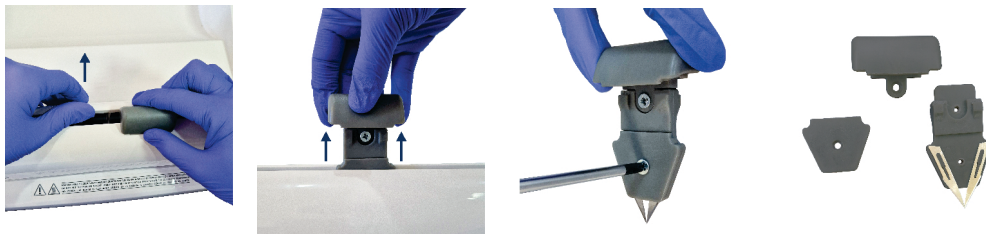
- If the fuse still causes problems, seek Authorized Technical Support;
- Always keep a spare fuse in the fuse holder and only use standard fuse Ø5x20mm 6A/250V.

6.2 – Replacement of paper cutting blades. CAUTION WHEN HANDLING THE BLADES.

It is not necessary to dismount the cabinet of the machine in order to replace the paper cutting blades; follow the procedures below and only remove the track and the blade carriage assembly in order to replace the cutting blades.

- 1 – Disconnect the power cable before the procedure;
- 2 – Position the Paper Cutting Carriage (04) completely to the right side to the center of the track;
- 3 – Put the Paper Cutting Carriage on a flat and firm surface. Use a Philips screwdriver to remove the Screw from the cover plate;
- 4 - Carefully remove the blades and install the new ones. Check if they are correctly fixed on the right position;
- 5- Reposition the cover plate and tighten the screw firmly;
- 6- Push the guide open to fit the Paper Cutting Carriage to the center of the track. Check if the blades are properly fitted into the internal slot of the sealer;
- 7 – At last, slide the carriage completely to the right side of the track and confirm the lockup, concluding the blade replacement process.

WARNING! The blades are very sharp, so be careful when handling them.



► 7 - TECHNICAL SPECIFICATIONS ◀

Supply Voltage:	127 or 220VAC 50/60Hz
Working power:	300W max.
Resistance:	PTC Positive Temperature Coefficient
Sealing width:	12mm
Initial heating time:	3'30" minutes
Sealing time:	6" seconds
Sealing length:	300mm (maximum)
Machine dimensions (WxDxH):	460 x 300 x 125 mm.
Packaging dimensions (WxDxH):	500 x 320 x 160mm.
Weight without packaging:	3,600 Kg
Weight with packaging:	4,600 Kg

► 8 - SYMBOLOGY ◀

 Consult instructions for use	 Serial number	 Catalog number	 Authorized representative in the European Community	 Date of manufacture	 Manufacturer
 Caution, consult accompanying documents	 Caution, hot surface	 Keep dry	 This side up	 Contents of the transport package are fragile therefore it shall be handled with care	 Maximum piling

► 9 - WARRANTY TERM AND TECHNICAL SUPPORT ◀

Bio-Art Equipamentos Odontológicos Ltda., grants 1 (one) year warranty, starting from the date of the device purchase (invoice). The warranty is carried out exclusively by the authorized distributor and includes any manufacturing defect, being provided through the repairing of the product and subjected to the following requirements:

- That the product has been used correctly in accordance with the instructions described in the user manual;
- The claim is followed by the invoice and registered within the warranty period, accompanying a report with description of the damage and product serial number;
- The product is handled, transported and stored with care;
- The costs of transport (from and to) is paid by the customer;

Warranty limitations:

- Natural wears and tear of parts;
- Misuse, falls or accidents;
- Inadequate transportation;
- Repair by unauthorized person;
- Use in disagreement with the features and purposes of the device;
- Wear from exposure to adverse conditions (humidity, cold and heat);
- Damage from lack of cleaning or maintenance with inappropriate products.

In case of doubt, contact the manufacturer:

**BIO-ART EQUIPAMENTOS ODONTOLÓGICOS LTDA.**

Rua Teotônio Vilela, 120 – Jardim Tangará – CEP 13568-000 – São Carlos – SP – Brasil
Tel. +55 (16) 3371-6502 – Fax +55 (16) 3372-5953 – www.bioart.com.br
CNPJ 58.538.372/0001-56 – Insc. Estadual 637.034.447.113

► 10 - AUTHORIZED REPRESENTATIVE IN EUROPE**Obelis s.a.**

Boulevard Général Wahis 53 - 1030 Brussels, BELGIUM

Tel: +(32) 2.732.59.54 - Fax: +(32) 2.732.60.03

E-mail: mail@obelis.net

**► 11 - DECLARATION OF CONFORMITY**

This machinery fulfills all the relevant provisions of the European Council Directive 2006/42/EC (Machinery); of the Directive 2014/30/EU of 26 February 2014 (Electromagnetic compatibility) and of the Directive 2014/35/EU of 26 February 2014 (Low voltage).

European Harmonized Standards to which Conformity is Declared:

ISO 12100:2010 - Safety of Machinery - General principles for design - Risk assessment and risk reduction;

IEC/CISPR 14-1 Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission;

IEC/CISPR 14-2 IEC/CISPR 14-2 Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 2: Immunity – Product standard;

EN 61000-4-2 Electrostatic discharge;

EN 61000-4-4 Electrical Fast transient and burst;

EN 61000-4-6 Conducted disturbance induced by RF fields;

EN 61000-4-5 Surges test;

EN 61000-4-11 Electromagnetic compatibility (EMC) Testing and measurement techniques;

IEC 61010-1:2010 Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements;

IEC 61010-2:2003 Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-010: Particular requirements for laboratory equipment for the heating of material.

► 12 - INSTRUCTION FOR PRODUCT STORAGE

This product must be stored in a covered place, at room temperature, protected against accidental falls and impacts.

► 13 - OPERATIONAL METHODS TO BE FOLLOWED IN CASE OF ACCIDENTS OR BREAKDOWNS

In case of accidents or breakdowns, send the product to Technical Assistance.



BIO-ART EQUIPAMENTOS ODONTOLÓGICOS LTDA.

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