

SlitPrecise SP100



USER MANUAL

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1. INTRODUCTION

Thank you for having purchased the separator for plaster models SLITPRECISE **SP100** furnace which, we are sure will all meet all your needs and will satisfy your high demands.

This device has been designed according to the requirements of latest industrial standards and we guarantee that you will use it many years as your closest assistant.

However, inappropriate use may damage the equipment and be harmful to personnel. Please observe the relevant safety instructions and read the Operating Instructions carefully.

We wish you pleasant and fruitful work with the separator for plaster models SLITPRECISE **SP100**.

SYMBOLS:



This symbol indicates that there is high dangerous tension under the bonnet which it is put on.



This symbol indicates that the machine complies with the requirements of the Directives for Low Tension and Electromagnetic Compatibility as well as for the Standards harmonized with them.

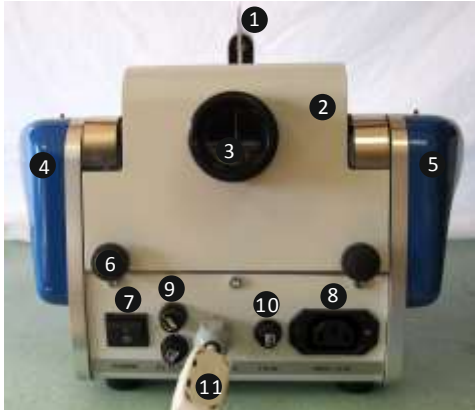
2. SAFETY INSTRUCTIONS

The following instructions must be observed in order to avoid personnel injury or equipment failure.

- the device must not be run by an operator who is not acquainted with these instructions;
- before turning on the plug in the net contact check if the voltage in the electrical network correspond to the working tension. In case of discrepancy, consult a specialist;
- on no account do not alter the device;
- the notices and stickers must be kept in good condition so that they are easily readable; they should not be removed!
- the machine must not function in case of being damaged and in position to injure the staff or a third person;
- keep the cables out of heat, oil and coarse objects; do not catch the device by the cable when you move it.
- switch off the device and pull out the plug of the feeder cable from the contact before each cleaning or upkeep.
- spare parts which are not specified by the manufacturer cannot be used!
- keep from falling and hitting.

CAUTION! If the machine is used by such means not indicated by the manufacturer, the provided protection can get worse!

3. DESCRIPTION OF THE UNIT



1. Linear laser;
2. Shield;
3. Mouthpiece for aspiration hose.
4. Right cover with sensor;
5. Left cover with sensor;
6. Knurled screw;
7. Power switch;
8. Power plug of aspiration;
9. Fuses 3,15A/250V
10. Fuse 6,3A/250V
11. Ferrite of network cable;

4. INSTALATION AND INITIAL START-UP

UNPACKING

- Carefully remove modules from packages;
- Make sure that the mains voltage is ~230V and the contact is reliably grounded.

CONNECTIONS

- The network power switch is located on the left side of rear panel. There is a sign **POWER** below. Place the device in a way that allows its easily switching on and off from both the main switch and the contact.
- The power feeding cable of the aspiration is plugged into the socket with the sign **230V~/6.3A** on the rear panel;
- the hose of the aspiration is plugged into the special socket on the rear panel.

INSTALLATION OF THE CUTTING DICS

- Before the installation of the cutting plate, ensure that the network cable is unplugged from the socket.
- Remove the lid of the aspirator by unwinding of the knurled screws (position 6).
- By means of a monkey wrench size 19 and hexahedral key size 4 unwind the tightening washer, place the disk and tighten up.

5. PRACTICAL USE

Place the plaster mould on the working surface, while keeping it upright on both sides.

By using the laser marker, define the place of cutting on the side opposite to the incision.

The plate shall be turned around only with two hands placed on the respective spots on the lids of the device where the sensors are installed.

The right position of the hands is indicated by the respective light diodes. Moreover, it is necessary to push the working surface downwards, in order to switch the mechanical key on and then the motor is winding.

At the same time when the plate rotates, the electricity power feeds the coupling, which in turn feeds the aspiration. If it is cased-in, it will be operating only during the time of cutting.

Push the model downwards and slowly to the working surface in order to carry out the cutting.

ATTENTION!

If you push harder, it is possible to divert the plain of cutting. Always switch on an aspirator hose or a vacuum-cleaner to the device (position 3), in order to avoid excessive dusting!

6. TECHNICAL DATA

1. Electrical supply	~230 V, ±10%, 50/60Hz
2. Power consumption	200 W
3. Category of overvoltage	II
4. Size of the diamond disc	Φ85mm X 12mm
5. Speed of rotation of the disc	10000 – 12000 rpm
6. Width of cut	0,3 mm
7. Overall dimensions of closed furnace:	
7.1. Width	300 mm
7.2. Length	330 mm
7.3. Height	240 mm
8. Model Weight	9,3 kg
9. Working temperature	5°C - 40°C
10. Laser class	3A
11. Level of environment pollution	2
12. The device is designed for usage in normal dental premises up to 2000 m altitude above sea level.	
13. The maximum relative humidity of the air must be 80% for temperatures up to 31°C, decreasing lineally to 50% relative humidity for temperature 40°C.	

7. MAINTENANCE

Clean only with a dry or slightly moist cloth (no solvents!).

Avoid any placement of objects on the corpus of the device.

Change the safety locks with the announced values only, namely:

3,15A; slow (class T)

6,3A; slow (class T)

No repair activity by a service technician who is not authorized by the manufacturer is allowed!

The lifting and carrying should be made only with the both hands from below as the device stands on end.

No carrying and transportation in another state except for vertical position is allowed!

8. DELIVERY SCOPE

1. Separator SP100	1 pc
2. Diamond disk	1 pc
3. Spare fuses	
T 3,15A/250V	2 pc
T 6,3A/250V	1 pc
4. User manual	1 pc

PRODUCER: "VOP" Ltd.
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WARRANTY SHEET

“VOP” Ltd. warrants the consumer for proper operation of all parts and materials in this product during a period of **12 months** since the day of its purchase.

During this period VOP Ltd. or its authorized persons will repair on its own account all defects which have occur during the normal operation of the machine.

Defects caused by improper transportation, storage and manipulation of the product or due to malfunction of the electrical mains supply are repaired on the account of the customer.

This warranty shall become void if attempts are made to repair the product by persons not authorized by the producer.

Serial Number _____

Invoice number _____

Date _____



MANAGER of “VOP” Ltd.

CLIENT:

Serial Number _____

Invoice number _____

Date _____

Voucher Manufacturer