

Instructions of use for cast cutter saw OSCIMED PSV

1 Technical description

The electrical power supply

Supplied from a socket by a cable which passes through a transformer reducing voltage to 24 VDC, it is optimal for the security. The device complied with the latest version of medical standards EN 60601.

The electro-mechanical drive

The oscillating movement of the blade is made by a DC motor and a mechanical device, which is made from high quality materials, with low wear and without maintenance. The motor and the high lifespan sensor switch are driven by a microprocessor card.

The electromechanical device is mount trough anti-noise rubbers on the body of the cutter to avoid vibrations in the hand and noise. The switch, situated closed to the user's hand, is a contactless long life time sensor.

The cutting blades

The blades have a synthetic coupling center. A special lock nut makes it easy to install or change the blade without any tool.

Technical data

Main voltage	85-264 VAC/50-60 Hz
Power input	130 Watt
Length of the saw	255 mm
Effective diameter	50 mm
Weight without the electrical power supply box	890 g
Motor rotation speed	14'500 t/mn
Blade oscillating angle	6.2°
Length of power supply cable	1.10 m
Length of 24 VDC cable	3.00 m
European standard 93/42 CEE	EN 60601 classe 1
Protection against water and dust projections	IP 52

2 Use - Safety – Maintenance

Start and stop

Plug into electric socket.
Press the red sensor switch to start the saw;
press a second time to stop it.



Vacuum nozzle change

First disconnect the power supply.

Then remove the vacuum nozzle to reach the blade, by pushing the supple parts on both sides in order to release the nozzle and slide it up.



Set the nozzle back by inserting it in the guide and push down to the bottom till the automatic lock.

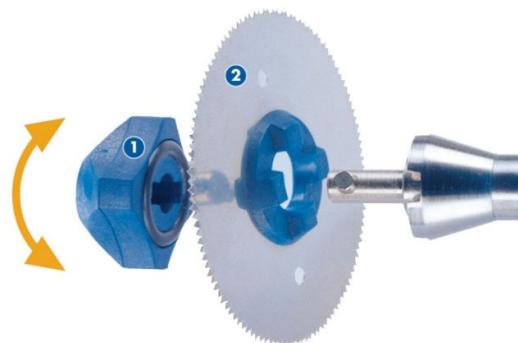
Saw blade change

First disconnect the power supply.

Remove the vacuum nozzle to reach the blade.

Turn the blue blade lock nut (1) a quarter-turn and pull it out. To remove the blade, incline it a little and pull out.

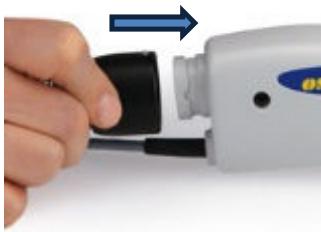
Set the new blade (2) on notched spindle, return the lock nut and turn back a quarter-turn on its internal locking notch (1).



Vacuum hose insertion

Place the screws of the hose coupling/connection in a vertical position, as shown on the photo, and insert on the end-piece/housing saw.

Turn a quarter in order to get the screws „horizontal“ and lock the connecting part.



Proceed the opposite way to remove the hose.

Field of use

In a general way, every use other than cutting bandages and casts is forbidden.
In the medical field, this saw is not authorized for use where the saw blade could be in direct contact with the patient or for surgery.

Protection against electrical shocks

This saw meets the EN 60601 standards, it has a double electrical insulation between the main supply and the other parts of the saw. There is no grounding protection.

Symbols:

Type BF equipment: Class II equipment: Consult documents:



Maintenance - Cleaning – Disposing of sorted waste

Disconnect the power supply before any maintenance or cleaning operation.
Check that no electric cable is damaged, and that the airflow of the air intake is not blocked by an accumulation of residues after sawing.

The only maintenance this saw needs is that it has to be kept clean. Wipe clean with a damp rag. Do neither immerse the saw in water nor every other liquid, nor clean it with a shower.

Verify that the cables are neither damaged nor cut.

At the end of life of the device, please keep in touch with the proper local authorities concerning the disposing of sorted waste.