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Validity

This manual is valid for all oscillating plaster saws type OSCIMED 2000, sold by SCHREIBER GmbH.

Certificate of Compliance

Manufacturer's name and address:

SCHREIBER GmbH
 Chirurgische Instrumente
 Unterer Damm 15
 D-78567 Fridingen

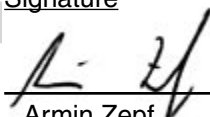
Product name:

Oscillating plastersaw model OSCIMED 2000 and accessoires according to the valid catalogues and price list.

The Schreiber GmbH confirms herewith in sole responsibility, that the above mentioned products comply with the requirements according to annex I of the council directive 93/42/EEC and EN 60601-1-2. These products are permitted to carry the CE -mark

We have established a certified quality management system according to DIN/EN/ISO 13485:2003

Signature



 Armin Zepf
 Quality Manager

Technical description

Electrical supply

Electrical power is supplied from a socket by a cable, which passes through a transformer, reducing voltage to 24 V. The saw runs on these 24 V.

Electromechanical drive

The oscillating movement of the blade is made by a DC motor and a mechanical device. This device converts the rotating movement of the motor shaft to an oscillating movement of the blade shaft. The motor is a special DC brushless model, controlled by an electronic card fixed behind the motor. The advantage of this technologie is the long life time without maintenance.

Sawblades

The blades are circular with a synthetic coupling center. This coupling center ensures the low noise level of the saw. A special patent lock nut makes it easy to install or change the blade without using any tools. For plaster bandages, blades are made of stainless steel with white core. For synthetic bandages, blades are in hardened stainless steel with a blue core and for carbon casts, blades are in hardened stainless steel TiN coated with a blue core.

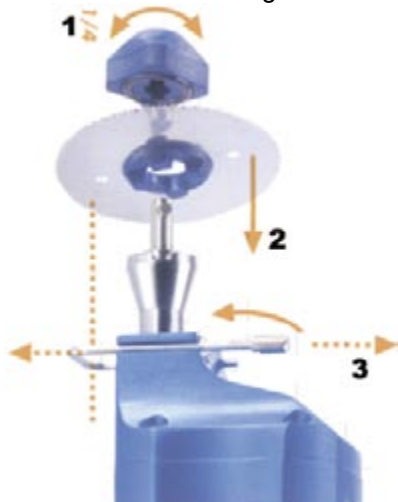
Use, safety, maintenance

Start and stop

Connect cable with the main power supply. Press button to start the saw, press again for stopping.

Blade changing

Disconnect cable from main power supply. To change the blade, turn the blade lock nut (1) 90° and pull it off. To remove the blade, incline and pull out. Put the new blade (2) on the notched spindle, return lock nut and turn back 90° on its internal locking notch.



Adjusting the guide and the depth gauge

Pull upper part of the depth gauge (3) to disengage the ratchet. Adjust the level by moving it vertically. Release the depth gauge.

Destination/safety

Cutting of plaster and synthetic bandages. The plaster saw must be held safely with both hands. CAUTION: Bandages without filling may insure stuck skin by vibration of the saw blade. CAUTION: The saw must not be used in explosion hazard areas.

Protection against electrical shocks

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

Symbols



Type BF equipment



Class two equipment



Consult documents

Maintenance and cleaning

Disconnect the power supply before any maintenance or cleaning operation. The only maintenance that the saw needs is keeping it clean. Wipe clean with a damp rag. Do not immerse the saw in water nor clean it with a shower. Verify, that the cables are not damaged. The DC motor does not need any maintenance. If any damages appear, the saw must not be used any longer. Please contact our technical support. Caution: Do not carry out experiments inside the core of the machine. Improper repair work leads to additional damages, danger to patients and users and voids guaranty.

Guaranty

The guaranty for OSCIMED 2000 saws and accessoires includes:

- Material faults
- Manufacturing faults
- Electric function
- Mechanical function defects

We give a full 1 year guaranty on these products.

The following points void guarantee:

- Opening the core of the saw.

- Maintenance and repair works by persons who are not authorised by SCHREIBER GmbH

- Use of accessoires and spare parts from other manufacturers

- Damages by improper use or old saw blades.

Technical data

Power Supply	85-264 VAC
Frequency	50-60 Hz
Power	100 VA
Length of the saw	210 mm
Diameter of the saw	46 mm
Weight without transformer	760 gr.
Rotation	12.000/min
Oscillating angle of the blade	6.2°
Saw blade movement (Ø65mm)	3.5 mm
Cable length (power supply)	1.10 m
Cable length 24V DC	3.50 m
Standards and classification	EN 60601 Class I
Protection	IP 20
use cycles	3/20 min
Temperature	10°C - 25°C

Available accessoires

SG-BS-50	Sawblade for synthetic bandages 50mm
SG-BS-50-2	Sawblade for synthetic bandages 50mm (segments)
SG-BS-50-GT	Sawblade for synthetic bandages 50mm TiN coated
SG-BS-65	Sawblade for synthetic bandages 65mm
SG-BS-65-GT	Sawblade for synthetic bandages 65mm TiN coated
SG-OSC-201	Plastersaw OSCIMED 2000 in case, transformer and 2 blades
SG-OSC-20101	Plastersaw OSCIMED 2000, connector for dust removal unit
SG-OSC-202	Locking screw for OSCIMED 2000
SG-OSC-203	Depth gauge and guide
SG-OSC-204	Carrying case for OSCIMED 2000
SG-OSC-205	Nozzle for dust removal unit OSCIMED 2000
SG-OSC-210	Dust removal unit for OSCIMED 2000
SG-WP-50	Sawblade for plaster bandages 50mm
SG-WP-65	Sawblade for plaster bandages 65mm
SG-WP-65-2	Sawblade for plaster bandages 65mm (segments)

Edited by A. Zepf QMB, SCHREIBER GmbH
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