



The instructions for use must be read carefully before use and kept in a safe and accessible place.

The autopsy saw is intended for use in autopsies and post-mortem examinations.

This product is not a medical device within the meaning of Regulation (EU) 2017/745 (MDR). It is intended exclusively for use in post-mortem examinations.

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1 General safety instructions

- The product is electrically operated and must not be used in potentially explosive atmospheres
- To be used only by trained specialist personnel.
- Before each use: visual and functional inspection (cable, plug, housing, start-up behaviour).
- Warning regarding components posing a risk of injury (saw blades).
- Patient and user safety:
 - Do not use with damaged blades.
 - Do not allow moisture to enter the device.
 - Do not touch any moving parts.
- During operation, noise emissions of up to 77 dB(A) are generated. Prolonged exposure in the immediate vicinity of the device may lead to increased noise exposure.
- Vibrations may occur due to the oscillating movement. The device should therefore always be handled with care and used only for its intended purpose.

2 Possible complications

- Injuries caused by incorrect blade selection
- Overheating of synthetic bandages
- Blockage of the saw blade
- Burns caused by frictional heat
- Risk of electric shock from faulty cables

3 Use and handling

3.1 Intended use

The electric oscillating autopsy saw is an electrically powered tool for use in pathological examinations (autopsies and dissections). The device is used to cut through bone structures during post-mortem examinations. It is to be used exclusively on deceased persons in pathological facilities or comparable professional environments.

3.2 Indication

The product is intended for cutting through bone structures during pathological examinations (autopsies / dissections).

3.3 Contraindications

The product must not be used:

- On living persons
- During surgical procedures
- For purposes other than pathological examinations

3.2 Operation and use

The product is to be used exclusively in the context of pathological examinations (autopsies and post-mortem examinations).

3.3 Operation and use

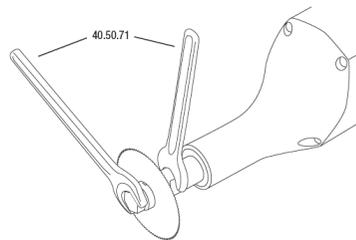
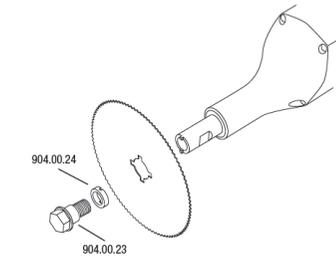
- Start-up behaviour: smooth
- Blade replacement only with tools (40.50.71)
- Safety warnings when changing blades: **Do not reach into the saw teeth**

3.5 Commissioning

Before initial commissioning and before each subsequent use, ensure that the device is in perfect working order and suitable for its intended use. The following steps must be strictly observed:

3.5.1 Visual and functional inspection before connecting to the mains

- Check the device for external damage (housing, cable, plug, saw head).
- Check that the saw blade and fasteners (ring 904.00.24 / nut 904.00.23) are fully and correctly fitted.
- Carefully check moving parts by hand (no blockages).



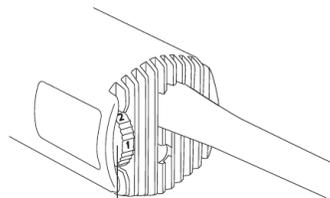
- Ensure that there are no liquid residues in the vicinity of the ventilation slots or electrical components.
- Confirm that the product is not being used in a damp environment.

3.5.2 Mains connection

- Before connecting, check that the mains voltage at the installation site corresponds to the voltage specified on the type plate
- Connect the device only to a properly installed and earthed socket.
- Insert the mains plug fully and ensure strain relief.
- The device must be set up and operated in such a way that the mains plug is accessible at all times and can be quickly disconnected from the mains supply in an emergency.

3.5.3 Switching on and sequence check

- Switch on the machine using the on/off switch.
- According to the original instructions, the saw must start up smoothly and run steadily. This protects the mechanical and electronic components and ensures correct operation.
- Listen for unusual noises, vibrations or odours.
- If any abnormalities are detected, switch the device off immediately and do not use it.
- The stepless adjustment must function without fault.



3.5.4 Checking the overload protection

The saw has an internal protection circuit which switches off the motor in the event of a blockage.

- A brief functional test without a load is sufficient.
- The tool must **never** be deliberately jammed in order to test the protection.

3.5.5 Selection and inspection of the saw blade

- Use only approved saw blades (plaster / plastic / fibreglass).
- Ensure that the saw blade is securely tightened.
- Replace blunt or damaged blades immediately.
- Ensure that the choice of blade is suitable for the type of dressing (Note: synthetic dressings → use a special coating)

3.5.6 Functional test under low load

- Start at a low vibration frequency and check whether:
 - the vibration is uniform
 - no irregular noises occur
 - the overload protection does not activate unexpectedly
- Then gradually increase the vibration frequency.

3.5.7 Preparation for use

- Place the unit in a dry, well-ventilated working environment.
- Keep the working area free of flammable substances (the device must not be operated in potentially explosive atmospheres).
- Route cables so that there is no risk of tripping or pulling.

4 Cleaning, Disinfection

4.1 Principle

This is an electrical device

- Cannot be processed in a machine (no RDG)
- NOT sterilisable
- NOT submersible

4.2 Cleaning after use

- Remove dust and dressing residues with a slightly damp cloth
- The device must not be immersed in liquid under any circumstances
- Always disconnect from the mains before cleaning
- Do not use abrasive cleaners
- Do not use high-pressure cleaners or an ultrasonic bath
- Do not spray disinfectant foam into openings

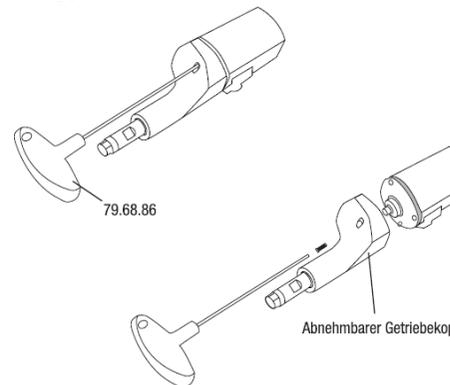
4.3 Reconditioning of saw blades

The saw blades used are reusable instruments. Reprocessing (cleaning, disinfection and sterilisation) must be carried out in accordance with the validated reprocessing procedures of the respective facility. The Medicon eG instrument instructions for use GATDN00X contain validated reprocessing information and can be used as a reference for suitable reprocessing procedures.

4.4 Sterilisation

Only the saw blades and the saw's gear head may be sterilised in an autoclave. The housing and the motor are not suitable for autoclaving.

The gear head must be removed from the saw for sterilisation. Reassembly must be carried out as shown in the illustration. Use the Allen key supplied for this purpose. Before reassembly, the gearbox must be lubricated with standard roller bearing grease.



5 Service

- Maintenance by authorised service only
- Spare parts under point 10

For service and repairs, please contact your local MEDICON eG representative.

6 Liability

ATTENTION: Under US law, this product may only be purchased in the USA by a doctor or hospital, or upon presentation of a valid prescription.

Validity of the instructions for use:

The latest revision is always valid. Due to technical developments, the instructions for use are updated regularly. The version date and revision number are indicated on the document. Please ensure that you are using the current version.

Disclaimer:

- MEDICON eG accepts no liability for damage caused by
- improper use,
 - use not in accordance with the intended purpose,
 - incorrect handling, care or maintenance,
 - failure to comply with these instructions for use,
 - modifications or repairs carried out without the written consent of MEDICON eG
 - or repairs carried out by unauthorised workshops.

Furthermore, liability for defects shall not apply in the event of modifications or repairs to the product without the prior written consent of MEDICON eG, or in the event of repairs carried out by unauthorised workshops.

7 Disposal

Before disposal, the product must be cleaned and handled in accordance with local regulations. Electrical devices may be returned to Medicon eG at the end of their service life.

8 Transport and storage

Ambient temperatures must not fall below 5 °C or exceed 40 °C. Humidity must not exceed 80%.

9 Technical data / Specifications

79.68.87	Saw 120 volts, 60 Hz, 500 watts
79.68.88	Saw 230 V, 50 Hz, 500 W

- Infinitely adjustable from 6,500 to 24,000 oscillations
- Fully automatic load compensation across the entire oscillation range
- Motor with dust protection
- 52–77 dB(A) depending on the set oscillation speed

The device complies with Protection Class II. Electromagnetic compatibility complies with the applicable requirements for electrical equipment.

10 Accessories / Spare parts

Accessories	
40.50.68 50 mm	Circular saw blade
40.50.69 65 mm	
40.50.72	Segmented saw blade
40.50.71	1 pair of open-ended spanners for saw blade replacement
79.68.86	Allen key for mounting the gear head
904.00.23	Screw for securing the gear head
904.00.24	Retaining ring for saw blades

11 Explanation of symbols and illustrations

Symbol	Meaning
	Manufacturer
	Date of manufacture
	Production batch number, batch
	Item number
	Non-sterile
	Warning
	Follow the instructions
	CE marking
	Double insulation, protection class II
	Type BF application part