Mucotome
OPERATING INSTRUCTIONS

Safety measures

- The instrument will not be delivered in sterile condition! The Mucotome has to be cleaned, disinfected and sterilized before first time of use and after each use immediately!
- Don’t clean instrument with compressed air!
- Never manipulate Instrument with running motor to prevent risk of injuries!
- The Instrument may only be operated by trained and experienced personnel!
- The Mucotome can be used up to max. 8,000 rpm!
- Improper use and repair of the device as well as not complying with the instructions relieve us from any obligations regarding guarantee or other claims!

Technical Data

Cutting width: .................................................................................................................................................................................................. 5 mm
Cutting depth (not adjustable): ..................................................................................................................................................................... 0.5 mm
Angel positions of the head with blade ...................................................................................................................................................... every 45°
Weight: ............................................................................................................................................................................................................. 60 g
Speed range: .................................................................................................................................................................................. 500 – 8,000 rpm
Coupling Micromotor: ........................................................................................................................................................... according to EN23964

Device symbols

:EU- conformity symbol
: Autoclavable at 135°C
: Suitable for thermal disinfection

Spare parts

<table>
<thead>
<tr>
<th>Art.-Nr.</th>
<th>Description</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>1975</td>
<td>Blade, 8 mm</td>
<td>5 pieces</td>
</tr>
<tr>
<td>1882</td>
<td>Oil bottle</td>
<td>1 piece</td>
</tr>
<tr>
<td>1984</td>
<td>NouClean Spray</td>
<td>1 piece</td>
</tr>
<tr>
<td>1958</td>
<td>Spray Nozzle for NouClean spray</td>
<td>1 piece</td>
</tr>
<tr>
<td>1971</td>
<td>Mucotome Head</td>
<td>1 piece</td>
</tr>
</tbody>
</table>

Operation

Maximum speed: 8,000 rpm!

Adjusting the Head Angle

Unscrew nut of Mucotome head (use hook wrench included in the set).
Rotate Mucotome head piece in 45° Steps and engage it in the required position. Tighten nut using hook wrench.

Changing the blades

1) Unscrew nut of Mucotome head, using the hook wrench and remove Mucotome head from Handpiece.
2) Pull out the eccentric from Mucotome head.
3) Press used blade out of the mounting, using the Allan key.
4) Press new blade into the mounting, using your thumb, stick the eccentric back into the Mucotome head.
5) Push Head, by gently rotating it towards the Handpiece until the head clicks into place at the required position. Tighten nut of the Mucotome head on the Handpiece.
Maintenance

Restrictions of treatment
Frequent reprocessing hardly affects the Mucotome. The lifetime’s end usually is determined by damage and wears caused by usage.

INSTRUCTIONS

At location of use
Remove surface contamination with a disposable cloth/paper towel.

Storage and transport
No special requirements. Avoid long delays until preparation due to risk of drying and corrosion.

Cleaning preparations
Unscrew the nut of the head of the Mucotome, pull out Eccentric from head and dispose used blade expertly. Clean contaminants under rinsing water. Do not put the Mucotome into ultrasonic bath.

Automatic cleaning and disinfection
Equipment: Cleaning/disinfection device with a special load carrier which facilitates the connection of handpieces to the cleaning/disinfection device and the rinsing of channels. For cleaning use neutral or alkaline cleaning agents at the recommended concentration.
1) Place Mucotome handpiece in load carrier (rinsing of channels must be ensured).
2) Place Mucotome head and Eccentric in fine-meshed basket.
3) Start program. Perform the final rinse with fully deionized water.
4) Perform a 10-minute rinse run (disinfection) at 93°C to facilitate thermal disinfection.
5) At withdrawal of the parts after cleaning, check if visible contamination still remains in the gaps and the grooves. If necessary, repeat the cycle or clean manually.

Manual cleaning
Equipment: Neutral or alkaline cleaning agent, soft brush, running water
Procedure:
1) Rinse and brush away the surface contamination on the Mucotome, the Mucotome head and the Eccentric.
2) Apply cleaning agent with brush to all surfaces and gaps.
3) Thoroughly rinse all parts with water.

Manual disinfection
For manual disinfection, place the Mucotome, the Mucotome head and the Eccentric in a RIKI-tested disinfectant (insertion time according to disinfectant instructions).

Drying
If there is no drying program provided at the Cleaning and Disinfection Device, dry the Mucotome manually or in the drying chamber.

Inspection and maintenance
Check visually for damage, corrosion and wear. After cleaning and disinfection equip the Mucotome with a new blade, stick the Eccentric into the head and tight the nut of the head onto the handpiece using the provided hook key. Thoroughly spray the reassembled Mucotome handpiece briefly with NouClean spray (see instructions on spray can), using the provided spray nozzle, and wipe it with a moistened cloth.

Packaging
Single: Pack the Mucotome in an individual sterile supply package. The bag must be large enough to keep the seal tension free.
Sets: Arrange the Mucotome into the appropriate tray or put it onto an all-purpose sterilization tray.

Sterilization
Autoclave in vacuum autoclave at 135°C for at least 5 minutes*. If several instruments are sterilized during one sterilization cycle, make sure to not exceed the maximum load capacity of the sterilizer. After the use of autoclaves without post-vacuum give an extra period of drying time. Allow the Mucotome to dry min. 1 hour in the bag with the paper side up.
*The temperature hold times must comply with the local guidelines and standards.

Storage
No special requirements. If the sterilized Mucotome is not used immediately after sterilization, the sterilization indicator and sterilization date should be noted on the packing.

Troubleshooting

<table>
<thead>
<tr>
<th>Malfunction</th>
<th>Cause</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mucotome does not cut</td>
<td>Device is incorrectly assembled</td>
<td>Unscrew the Mucotome head nut slightly and rotate the head gently towards the handpiece until it clicks in, then tight the nut of the head onto the handpiece again.</td>
</tr>
<tr>
<td>Motor movement does not transfer to the Mucotome</td>
<td>Not adequately connected to the motor</td>
<td>Press the Mucotome firmly onto the motor until the instrument clicks. Check proper seating with a slight countermovement.</td>
</tr>
</tbody>
</table>

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Disposal:
When disposing of the device, device parts and accessories, the enacted requirements specified in legislation must be followed.