



INSTRUCTION FOR USE

BIPOLAR FORCEPS





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Read Instruction



Non sterile



Medical device higher Class I and Number of the named place TÜV SÜD
Production Service GmbH, Munich, Germany



LOT-Number



Cataloguenumber



Keep dry



Keep away from sunlight

RxOnly

Prescription - in the United States, this product may only be given by a doctor
or on a prescription



Please read the information in this leaflet carefully.

Improper handling and care, as well as misuse can lead to premature wear or risks for patients and users.

Intended Use

The bipolar forceps are used for grasping, dissection and coagulation of tissue. You need a suitable means to the bipolar bipolar output of an RF generator can be connected and may only be used with bipolar coagulation.

The maximum output voltage of the generator must 500 Vp Vp and 300 (depending on model, see catalog) or less.

Note: Instruments for electrosurgery only be used by persons who are specially trained or instructed.

Application and Safety

All instruments must be before first putting into use before any further application completely cleaned, disinfected and sterilized.

It is very important to each surgical instrument before each use visible damage and wear, for example Cracks, fractures or failures to examine the insulation. In particular areas such as blades, points, locks, ratchets and latches, and any moving parts, insulation and ceramic items are carefully scrutinized.

Do not use damaged instruments.

Do not use in the presence of flammable or explosive substances.

The instrument should not be placed on the patient.

Coagulate only when the contact areas are within view.

Don't touch any other metal instruments.

Reprocessing

Because of product design, materials used and the intended use is no defined limit of a maximum feasible.

Treatment cycles should be established. The life of the instruments is determined by

their function and the careful use of them determined. Instruments for electrosurgery are of course subject to increased wear, depending on the type and duration of use.

Preparation and transport immediately after the application of coarse dirt from the instruments. No fixation agents or hot water (> 40 ° C) using, since the fixation of residues out and cleaning can affect success.

Storage and transportation of the instruments must be made in a closed container for treatment site to prevent damage to the instruments and to avoid contamination of the environment.

Machine reprocessing cleaning

Instruments in a basket on the loading racks or put on the stakes of the car and the MIC cleaning process starts.

1. 1 min. Pre-rinse with cold water
2. Emptying
3. 3 min. Pre-rinse with cold water
4. Emptying
5. 5 min. Washing at 55 ° C with 0.5% alkaline, or 45 ° C with an enzymatic cleaner
6. Emptying
7. 3 min neutralization with warm tap water (> 40 ° C) and a neutralizing
8. Emptying
9. 2 min. Intermediate rinse with warm water (> 40 ° C)
10. Emptying

Disinfection

Automatic disinfection, taking into account the national requirements for the A0 value (see ISO 15883).

Drying

Drying the outside of the instruments by the drying cycle of the washer disinfectors.

If necessary, in addition, a manual drying with a lint-free cloth can be achieved. Cavities of instruments



with sterile air dry.

Manual reprocessing cleaning

Prepare a cleaning under manufacturer details.

1. Products while under cold tap water (<40 ° C) rinsing until all visible contaminants were removed. Imbedded dirt is removed with a soft brush.
2. Products in the prepared cleaning insert completely. Exposure under adhere to the manufacturer.
3. Clean the instrument inserted manually with a soft brush. All surfaces must be brushed several times.
4. Applies only for channels and internal surfaces: Take the brush at least six times in the tubes inside and out. Rinse then the tubes with distilled water and repeat this procedure.
5. Rinse the products very thoroughly under running tap water for complete removal of detergent.

Disinfection

Prepare a disinfectant according to information provided by the disinfectant manufacturer. Place the instruments in the disinfectant, and observing the prescribed contact time. Rinse the products very thoroughly with deionised water to complete removal of the disinfectant.

Drying

The manual drying is effected by a lint-free cloth and, in particular for drying cavities and canals with sterile compressed air.

Functional testing and packaging

Visual inspection for cleanliness, if applicable, installation and function test according to the manual. If necessary, repeat the treatment process until the instrument is visibly clean.

Standardized packaging of the instruments for Sterilization per ISO 11607 and EN 868.

Bipolar forceps can start.

Bipolar forceps can be dark by the use. Original shine can be restored by rubbing with a cloth.

Bipolar forceps with irrigation The attached wire rack should always, except during use and cleaning, be inserted into the irrigation channel to prevent clogging. The flushing must when cleaning be rinsed very thoroughly. The consistency must be checked after cleaning.

Sterilization

Sterilization of instruments by fractional pre-vacuum national requirements (in accordance with ISO 13060 / ISO 17665), taking into account the particular.

- 3 pre-vacuum with at least 60 mbar
- Heating to a sterilization temperature of at least 132 ° C, max. 137 ° C
- Shortest time: 3 min.
- Drying time: min at least 10.

Storage

Storage of sterilized instruments in a clean, dry and dust-free environment at moderate temperatures of 5 ° C to 40 ° C.

Repairs

To do repairs yourself. Service and repair should be performed only by Geister Medizintechnik GmbH, is the guarantee to take advantage.

If you have any questions regarding this contact the manufacturer or your medical department.

Note: Defective products must pass through before returning to repair the entire recycling process have.

Handling

All surgical instruments should be transporting, cleaning, maintenance, sterilization and storage are always treated with great care.

This is especially true for blades, fine points and other sensitive areas.



Warranty

Geister Medizintechnik GmbH provides accurate and only certified products to your customers. All our products are designed and manufactured that they meet the highest standards of quality. A liability for the existing product to the original, misused or improperly were handled or used will be excluded.