

DISTRIBUTED BY SURGI-TEC

Mommaerts Orthofacial Tools

Mommaerts Le Fort 1 Retractor
Mommaerts-Abeloos Chin Retractor
Mommaerts Endo BSSO Retractor
Mommaerts Periosteum Scraper

ENGLISH

Usage and maintenance instructions

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Usage

First time use

We would ask the user to check the instruments for possible damage caused in transit. The instruments must be cleaned, disinfected and sterilised before use.

Regular use

The instruments should only be used for their specific purpose by adequately trained and qualified staff. The surgeon using them is responsible for choosing the instrument and its specific application. He/she is also responsible for make sure staff involved are adequately trained and informed as well as for overseeing the operational use of the instruments.

Maintenance

Store the instruments in a dry place, away from any source of chemical substances, especially corrosive ones. In particular, avoid contact with chlorides, hypochlorites, iodine tincture, Dakin's solution, mercury salts and chlorides and acids in general. In the event of accidental contact, rinse immediately with deionised water.

Lubricate the instruments after washing. MD Medical recommends INSTRUoil from GEOMED medizin-Technik GmbH & Co. KG, reference SO 895-00. Do not hesitate to get in touch with MD Medical's Sales Support service to place an order:

services@md-medical.be.

Do not use abrasive substances when washing the instruments and avoid metal brushes and sponges.

Inspection

The instruments must be inspected before each use to identify any defects. The overall functionality as well as all essential components and all parts that could be damaged must be inspected. Instruments revealing a defect or any damage must be discarded. Do not hesitate to take them to a repair service approved by MD Medical S.A. to extend the lifespan of the instruments and avoid replacing them before you need to.

Repairs

Please take the instruments to a repair service approved by MD Medical S.A. The guarantee covering the instruments will not be valid if this is not the case.

Cleaning and disinfection

General

The instruments must be cleaned, disinfected and sterilised every time they have been used. Cleaning, disinfecting and sterilising are the responsibility of the staff of the user responsible for these matters. The procedures for these areas must comply with applicable standards in force, and be applied by staff who are adequately trained and informed.

This section does not deal with cleaning, disinfecting or sterilising in a hospital environment, but rather the appropriate precautions for the instruments described by these instructions.

Disinfecting and cleaning

Dismantle the instruments made up of separate parts.

Clean the instruments in an open position.

Place the instruments on stands suited to the machine and store and arrange them so that each instrument can be disinfected and washed properly.

Manually remove any substances and stains that there might be. However, never use any corrosives, metal brushes or abrasive products.

Disinfecting and cleaning manually

Immerse the instruments completely in a combined cleaning and disinfection solution and avoid leaving them submerged for longer than necessary.

Change the solutions every day to reduce the risks of corrosion and avoid reducing the effectiveness of the disinfectant. Rinse thoroughly in deionised water as soon as you finish the disinfection process. Make sure your instruments are dried thoroughly.

Disinfecting and cleaning in a washing machine

If possible, use a neutral cleaning solution (pH 7 to 8.5). A pH higher than 9 risks causing stains and even splits. A pH below 6 may cause punctures and corrosion.

Use deionised water if possible. Do not overfill the drum (10kg maximum including the tray).

Rinse several times quickly and thoroughly using deionised water at a temperature between 70 and 95°C.

Make sure they are dried quickly and thoroughly.

Disinfecting and cleaning using ultrasound

Make sure the vat is filled with enough liquid and add a cleaning and disinfecting product.

Put the instruments in the appropriate containers in an open position.

We recommend a 3 minute cycle at a frequency of 35 KHz and a minimum temperature of 40°C.

Change the cleaning solution regularly.

Rinse thoroughly with deionised water.

Make sure they are dried quickly and thoroughly.

Lubricate the instruments after cleaning as this technique completely destroys any previous lubrication.

Sterilisation

Only use treatments that comply with the standards in force.

We recommend steam sterilisation whenever possible.

Steam sterilisation

Fill the autoclave with deionised water to guarantee the quality of the steam.

Check the pipes and cistern regularly to make sure they are clean. Corrosion can be caused by contamination or water marks.

Make sure that your instruments are not subject to excessive changes in temperature both when they go into and come out of the steriliser to reduce condensation problems and the risks of mechanical tension.

Stainless steel instruments can be sterilised at a maximum temperature of 138°C for a maximum of 20 minutes.

Titanium instruments can be sterilised at a maximum temperature of 138°C for a maximum of 20 minutes.

Do not exceed these limits without consulting MD Medical S.A.

Sterilise jointed instruments, including scissors, in an open position. Only close rack and pinion instruments to the first notch. This will reduce the risks of putting pressure on your instruments. Do not exceed a load of 10kg, including the tray. Make sure the instruments are dried quickly and thoroughly. They must be dry when they come out of the autoclave and remain at room temperature.

Dry heat sterilisation

Make sure the air is at a minimum temperature of 180°C. However, do not exceed 200°C, as above this temperature, the structure of certain instruments, especially those used for microsurgery, may be altered. Lubricate joints and racks and pinions carefully after sterilisation.

Guarantee

Remember that as long as they are used normally, our instruments are guaranteed against material and manufacturing faults for 10 years.

Explanation of symbols



Please observe instructions for use



Reference number



Lot number



Manufacturer



Non sterile product



Do not use if package is damaged

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Medical device Class I



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