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### **Manufacturer:**

**Omnicent Dental-Handelsgesellschaft mbH, Gutenbergring 7-9,  
63110 Rodgau / Nieder-Roden, Germany**

**Product(s):** All by Omnicent delivered reconstituting dental instruments, which enclose products without agile parts and products with simple articulations, except instruments with an aluminum alloying or chromated respectively.

**NOTE:** You can recognize aluminium alloying at the fluorescent color (red, blue, green, yellow) on the metal components.

**WARNING NOTICE:** Instruments with aluminum are going to be damaged from alkaline (pH > 7) cleaning agents and lotions. You have to be carefully during the cleaning of long, closely cannulae and blind holes.

**Please follow the references and instructions for use from the manufacturer of your autoclave or sterilizer. Hereinafter called “see manufacturer information”**

### **Restriction of reprocessing**

Frequently reprocessing has marginally consequences for instruments. Normally the end of durability of the product will be determined by abrasion and damage of using.

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### **Instructions**

#### **Area of use:**

Remove the surface contamination with a tissue.

#### **Keeping and shipping:**

You could avoid the formation of condensation by keeping the instruments in dry rooms. It is recommended to reprocess an instrument as soon as possible after the application.

#### **Preparation for cleaning:**

After operation, you have to clean the arrears of blood, tissues and pharmaceutical products of the instruments immediately.

Do not put down in sodium chloride lotion (otherwise danger for hole- respectively stress crack-corrosion).

Only take an approved lotion of a combined cleaning- and disinfection agent without protein fixing effects (during mixing follow the manufacturers reference of your autoclave or sterilizer absolutely).

- ⇒ Avoid overfilling of instrument filters and wash trays.
- ⇒ Reprocessing directly after accounting.
- ⇒ Always reprocess articulation instruments in open condition.
- ⇒ Decomposition is not necessary.

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## Cleaning: Automatic

Equipment: Device for cleaning/disinfection, abstergent agent (name)

### **Procedure:**

1. Fit articular instruments into gear so that the articulators are opened and water can drain off the cannulae and blind holes.
2. Adjust cycle, wash min: (**see manufacturer information**) and rinse off (**see manufacturer information**) minutes.
3. When extracting the instruments cannulae, blind holes etc. have to be controlled on visible dirt. If necessary, repeat cycle and clean manually.

## Cleaning: Manual

Equipment: abstergent agent (name), brush and flowing water.

### **Procedure:**

1. Wash up surface contamination thoroughly from instrument.
2. Apply abstergent agent with a brush on all surfaces. It is to be assured that the articular instruments are cleaned in opened as well as in closed position.  
**Marking:** for cleaning of cannula and blind holes use an adequate brush so that all parts can be reached.
3. Hold instrument under flowing water. The water has to flow through all cannulae, the blind holes have to be filled and poured out several times.

### **Disinfection:**

Ph neutral as well as alkaline abstergent agents can be used. Solvents for disinfection can be used in agreement with the marking on the label (see producer's marking). After automatic cleaning a thermal disinfection (93° [199.4 °F], 10 minutes) can take place (thermal disinfection device: **see manufacturer information**).

For the final rinse please use completely desalinated water.

### **Drying:**

When the procedure of drying as part of the cleaning/disinfection cycle is reached, 93°C [199.4°F] should not be passed over.

### **Service:**

Apply a small amount of high valued silicon sprays or chirurgial axle grease on the articulators. Dull or damaged devices have to be sorted out (look for clefts or damages). Check operability.

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## **Control and functional test:**

Check smooth running of articular device (avoid big slackness). Control of functionality of mechanism for sealing (sealing wheel). All instruments: visual examination on damage and abrasion. There should be no indents in the cutting edges, which should all have the same length. Small, narrow instruments (especially articular instruments) should be checked on damages. If instruments are part of a bigger construction this has to be inspected with all its assemblies.

## **Packing:**

Separately: Standardized packing material can be used. The pouch has to be big enough for the instrument, so that the sealing is not under tension.

Sets: Instruments have to be sorted on special trays or put on all-purposed sterilization trays. Cutting edges have to be protected. Use a suitable method for packing of the trays.

## **Sterilization:**

Steam sterilization in a fractionated vacuum procedure at 134°C [273.2 °F] in a device according to EN 285; validated sterilization process! To avoid specks and corrosion the steam has to be free of ingredients. Recommended critical values of ingredients for table water and steam condensate are determined according to EN 285.

## **Storage:**

Storage of instruments in dry rooms to avoid condensation.

## **Additional information:**

When sterilizing several instruments at one sterilization cycle the maximum load of the sterilizer may not be exceeded (**see manufacturer information**).

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## **EXCEPTIONS!**

### **For the following listing please consider the instructions for conditioning:**

The hereafter mentioned instruments partially contain chrome-plated parts. Those may therefore neither be placed in the thermal disinfectant nor into the ultrasonic bath. Please use only special disinfectant (e.g. OMNISEPT).

- Cartridge syringe with ring handle
- Exchangeable ampules mount
- Chrom-plated haft of stomatoscope
- Technical pincer
- Napkin holders

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To **raise the longevity** of the hereafter mentioned instruments, we recommend placing them neither in the thermal disinfectant nor into the ultrasonic bath:

- Chrom-plated instruments

### **Durability of Instruments**

All of our instruments, except of above named exceptions, are made of stainless steel. So we have no defined durability. If you feel unconfident, we recommend replacing the instruments, if they do not have luster anymore. In this case, only the polished layer is attrited through permanent handling and reprocessing.

#### **Contact to manufacturer:**

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The above mentioned instructions are validated as suitable from the manufacturer for medical products for the preparation of a medical product. Responsibility that the effectively executed processing with disposed equipment, material and mankind in the process facilities will achieve the admired result is assumed by executing person. Validation and routine surveys of the procedure are obligatory. In addition, each deflection from the provided instructions should be analyzed thoroughly by the executing person regarding efficiency and detrimental consequences.