



## Cleaning & Sterilization

# **SURGICAL & PROSTHETIC instruments and reusable drill**

## INSTRUCTIONS FOR USE

**NOTE:** Care and maintenance of reusable instruments are crucial for a successful treatment and are essential for the outcome of the total treatment.



### ABUTMENT AND PLASTIC COPINGS:

The following products are delivered none sterile, Abutments, Overdenture, Drivers, Analogs, Transfers, Parallel Pin, Drill Extension, Plastic Cap.

### NON-STERILE COMPONENTS & INSTRUMENTS:

The devices delivered non-sterile have a "non-sterile" marking on the label. Opened packages of components that have never entered the oral cavity of a patient may be cleaned and sterilized/autoclaved again following the procedures stated below.

For components & instruments made of the following material: titanium, stainless steel, nylon, chrome-cobalt alloy and plastic delivered non-sterile.

It is recommended to sterilize the components instruments prior to placing in the oral cavity for & sterilization use steam sterilization for 30 minutes at 120 °C / 248° F. If modification has been made to the components & instruments clean before sterilization.

### DSI DENTAL IMPLANTS SYSTEM SURGERY KIT (PLASTIC):

Surgical Kit includes instruments to perform implant surgery for:

- 1.1. Premium Implants.
- 1.2. Classic Cone Implants.

The Surgical Kit includes all drivers for restorative procedures and are delivered non-sterile. For sterilization use steam sterilization for 30 minutes at 120 °C / 248° F.

### INSTRUMENTS & SURGICAL TOOLS AND DRILLS:

All drills for DSI implant systems delivered unsterile and must be sterilized before use.

### PRE-CLEANING OF INSTRUMENTS:

1. Remove tissue residuals by immersing the used instrument in cold water (<40 °C / 104 °F). Do not use fixation agents or hot water (< 40 °C / 104 ° F) as this could influence your subsequent cleaning results.

Instruments should be kept in a wet environment until the next step indicated below is initiated.

2. Scrub the outer, and if applicable, the inner side of the instruments with a suitable soft-bristled nylon brush until all visible soil is removed.

3. Rinse the external, and if applicable inner, side of the tool with tap water to remove all cleaning solution.

#### AUTOMATE CLEANING & DRYING:

1. Place the instruments on an instrument rack and load the instrument rack in the washer for 2 minutes pre-clean with cold water and empty.
2. Dry the outer side of the instrument through drying cycle of the washer. If needed, additional manual drying can be performed through lint-free towel. Insufflate cavities of instruments by using sterile compressed air.

#### FUNCTIONAL TESTING & MAINTENANCE:

1. Visual inspection for cleanliness should be performed with magnifying glasses.
2. If necessary, perform reprocessing process again until the instruments are visibly clean.

#### PACKAGING:

Place instruments in sterilization packets.














#### STERILIZATION:

1. Sterilize the instruments by applying a fractionated pre-vacuum process (according to ISO13060 / ISO17665) under consideration of the individual country requirements.  
Note: Parameters for the pre-vacuum cycle – 3 pre-vacuum phases with at least 60 mill bar.
2. Heat up to a minimum sterilization temperature of 134 °C / 275 °F.
3. Minimum Holding time: 4 min.
4. Drying time: minimum 30 min.

#### STORAGE:

Store the sterilized instruments in a dry, clean and dust-free environment at modest temperatures of 5 to 40 °C (40-104 °F).

#### EXPLANATION OF PICTOGRAMS:

Catalogue number	
Batch Code	
Use by date	
Medical Device	
Consult instructions for use	
Caution	
Symbol for "Use by Prescription only"	
Temperature	
Non-sterile product	
Magnetic resonance conditional	
Regulatory compliance	
Manufacturer	
European Representative	

 is the Notified Body symbol.



Dental Solutions Israel Ltd.  
59 haAvoda str. Light Industrial Zone  
Ashdod, 7706300 Israel  
Tel: +(972) 8-931-7235.  
Cell: +(1) 972-200-3265  
e-mail: info@dsisrael.com  
www.dsisrael.com



Obelis Group.  
Bd. Général Wahis, 53  
Brussels, B-1030 Belgium  
e-mail: mail@obelis.net