

Bliss® instruments

Cleaning & sterilization process

Bliss
by Acteon



All dental instruments should be disinfected, cleaned and sterilized before each use.

► **For the Bliss® range: Use detergents and pH neutral solutions.**

The colored part of the handles are made of anodized aluminum and the sleeves are made of silicone.

The working parts of Bliss® instruments are made of stainless steel.

Anodization is an accelerated electrochemical oxidation process that strengthens the surface oxide layer of aluminum, making it more resistant to corrosion. An ISO 2143 certified reinforced sealing is done on all Bliss® instruments.



Bliss® instruments - Cleaning & sterilization process

Process to follow

Decontamination by soaking in an enzymatic solution.

Respect the soaking times and dilution dosages recommended by the manufacturers.

Ultrasonic or thermo-washer cleaning.

Check that the products used are suitable for aluminum.

Sterilization in autoclave 134°C for 18 minutes (132°C for 4 minutes - USA cycle or 134°C for 3-4 minutes Class B cycle - UK cycle). under humid atmosphere (demineralized water) in sterile bag. Rinse and dry the instrument before putting in the autoclave.

Recommendations for optimal cleaning and sterilization

We recommend the use of the **Easy Clip cassette** (ref. 233.30) for cleaning and sterilizing Bliss® instruments in order to preserve the good condition of the instruments and to avoid any contact with stainless steel instruments. As indicated on the instructions below, sterilization by autoclave is strongly recommended.

[Cleaning and sterilization instructions.pdf](#)



!! For aluminum instruments, a **pH of 4 to 8 maximum** is recommended. Alkaline products, too acidic, with soda or potash are to be avoided. Indeed, an aluminum instrument is **treated differently** than a stainless-steel instrument. Some decontamination products are incompatible with aluminum, please refer to the instructions for these products.

!! It requires a maximum material load (see recommendation according to the autoclave manufacturer) for sterilization at a constant temperature of 134°C for 18 minutes (132°C for 4 minutes - USA cycle or 134°C for 3-4 minutes Class B cycle - UK cycle) in a humid atmosphere (demineralized water).

!! In order not to damage the sleeves it's important not to put Bliss® instruments in contact with stainless steel or sharp instruments during cleaning and sterilization.

Note: for all the tests, we used Dentasept® 3H Rapide (2% solution - neutral pH compatible with all types of materials and Septol Instruments Enzymatic (neutral pH compatible with compatible with aluminum alloys).

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Process quality

In case of instrument quality returns, it is **imperative** to fill out the form below and to send it with the instruments concerned to:
Céline KOZIOL – 3, La Marnasse, 63880 OLLIERGUES, France.

[Return form](#)

Overview

For the Bliss® range: Please use pH neutral solutions.

- Decontamination by soaking in an enzymatic solution
Respect the soaking times and dilution dosages recommended by the manufacturers
- Ultrasonic or thermo-washer cleaning
Check that the products used are suitable for aluminum
- Sterilization in autoclave **134°C for 18 minutes** (132°C for 4 minutes - USA cycle or 134°C for 3-4 minutes Class B cycle - UK cycle) in sterile bag or Easy Clip cassette
Rinse and dry the instrument before putting in the autoclave

Stainless steel instruments must not be in contact with aluminum instruments during cleaning and soaking (risk of electrolysis)

Easy Clip cassettes (ref. 233.30) are recommended for cleaning Bliss® instruments.

 **All the cleaning and sterilization tests required by the ISO¹ standard were carried out on Bliss® instruments by following the conditions recommended in the instructions -> no degradation or modification was observed.**

1- ISO 13397-1, ISO 9873, ISO 3630-3, ISO 23940

Bliss®: Class I medical devices - CE - Manufacturer: Prodont Holliger ACTEON® Group - France
Modification date: November 2021

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