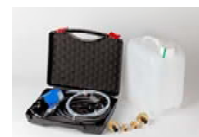


Instructions for use. Please read carefully!
Prior to application please note safety instructions ⚠

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Biofilm-Removing-Set-N (BRS) **with ALPRO® BRS plunger type pump**

Application of the Biofilm-Removing-Set with Bilpron®



Field of application:

The Biofilm-Removing-Set (BRS) provides basic cleaning (removal of biofilm) of dental unit water lines before using Bilpron®.

The Biofilm-Removing-Set (BRS) consists of two main components: **BRS PreCleaner** and **BRS Remover with BRS Activator**.

ATTENTION: Flush the incoming water line (town water) for at least 2 – 3 minutes (20 - 30 litres of water - via the "reinforced/flex hose") before you reconnect it to the dental unit. This prevents recontamination of the dental unit by residues from the incoming water.



Attention: It is essential to remove the input filter of the dental unit before flushing!

Preparation:

- ❖ Remove all hand pieces and contra-angles, scalers, multifunction syringes etc. **completely**, in order to prevent blockage of the water lines in these instruments by the cleaning process.

1st Step: Pre-cleaning with BRS PreCleaner

- 1.1 Mix 1 sachet of **BRS PreCleaner** with 2 litres of warm water (approx. 50 °C) until you get a clear **red** solution. Pump the ready for use solution via a pressure tank system **or the ALPRO® reciprocating plunger type pump system** with pressure (max. 2.5 bar) into the procedural water lines (at the water inlet of the dental unit, 3/8" connection).
- 1.2 For flushing all procedural water lines pull the instrument tubes and press the foot switch intermittently resp. activate the procedural water lines of the tumbler filler and spittoon bowl rinsing via the key panel. Continue the flushing until the red rinsing solution comes out clear and without any residues. **Contact time** of the solution: **at least 2 minutes**.

Recommendation: Include the spittoon bowl in this process.

2nd Step: Main cleaning with BRS Remover

- 2.1 Dissolve the contents of the sachet labelled **BRS Remover** in 2 litres of warm water, approx. 50 °C – 60 °C, add the total quantity of the **BRS Activator** and stir. Fill the solution (blue coloured) into the procedural water lines **as described in 1st Step**, without intermediate flushing with drinking water.
- 2.2 As soon as the blue coloured solution **comes out of all tube ends and the tumbler filler without any residues*** - stop the process and let it take effect.

Recommendation: Include the spittoon bowl into this process.

- 2.3 Let the **BRS Remover** (depending on degree of contamination*) take effect for **at least 5 minutes**.

*** If there are still visible residues of the respective solution coming out at the end of the flushing, repeat the cleaning until the respective solution comes out of the instrument tube ends and at the tumbler filler (spittoon bowl) without any residues.**



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3rd Step: Disinfection (without intermediate flushing with water) with Bilpron®

- 3.1 Fill the pressure tank system with 1 litre of Bilpron® solution and start the flushing of Bilpron® into the cleaned procedural water lines (as described under point 1.2) until the solution comes out visibly clear.

4th Step: Disconnection of pressure tank system

- 4.1 Disconnect the pressure tank system/ALPRO® reciprocating plunger type pump from the water inlet of the dental unit.



- 4.2 **Disinfect new water inlet filters** and surface filters **with hand disinfectant** and fit them in.



Please note: Flush the drinking water line of the dental unit

If not done before, flush the incoming water line (town water) for 2 – 3 minutes (20 - 30 litres of water – via the flexible hose) before reconnecting the flexible hose to the dental unit. This reduces the probability that residues from the incoming water lead to a recontamination.

5th Step: Contact time of Bilpron®

- 5.1 For intensive decontamination by the weekend method let Bilpron® solution ready for use take effect for at least 12 hours respectively over the weekend / holiday period.

Please note: Bilpron® solution ready for use is suitable for the long term decontamination / preservation (more than 4 days) of the procedural water lines of all common manufacturers.

- 5.2 After the contact time flush out the solution Bilpron® with drinking water, until the procedural water comes out clear and uncoloured from all outlets.

Now all water lines are cleaned, decontaminated and ready for the treatment of patients.



General information on the use of Bilpron® / Alpron / BRS

If Bilpron® is used (without continuous addition, e. g. of Alpron), a decontamination of the procedural water lines has to be carried out once to twice a week (overnight, during weekend, holiday period). The same applies for the use of Alpron for water treatment in the ALPRO® Bottle Care System (BCS).

Do not use the **BRS PreCleaner** after the expiry date.

If Alpron is used, we recommend carrying out an intensive decontamination after or during longer break times (e. g. after weekends, after holiday periods) – at least, however, 4 times a year.



To achieve optimal results by application of the BRS we recommend the usage of the ALPRO® BRS-reciprocating plunger type pump set (REF 8593)

Distributor:

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