

The protocols described in this section must only be carried out by personnel qualified to clean, disinfect and sterilise the dental materials specified here in.

Cleaning and disinfection instructions

Applicable for surgical and prosthetic instruments and boxes.

1 - Disassembly

- Disassemble the instruments that need to be cleaned and disinfected, such as manual ratchets, drills or drill stops.
- Remove all the different components from the surgical or prosthetic instrument box for correct cleaning.

- Remove any biological residues by hand using a soft brush and pH-neutral detergent.
- Rinse with plenty of water.
- Rinse again with deionised water.
- When cleaning surgical and prosthetic instrument boxes, always use a pH-neutral detergent and non-abrasive tools to avoid damaging the surface of the boxes.

2 - Cleaning

- Submerge the instruments in a cleaning product solution that is specifically designed for dental instruments to help remove any adhered biological residues.

3 - Disinfection

- Submerge the instruments in a disinfectant product specifically designed for dental instruments.

- To disinfect instruments with ultrasonic equipment, submerge the material in the ultrasonic bath.
- Rinse with plenty of water to remove all traces of disinfectant.
- Dry the material with filtered compressed air.

4 - Inspection

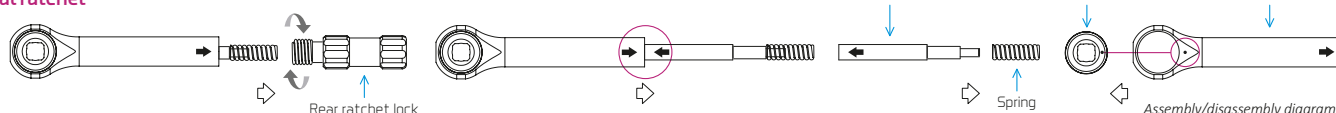
- Check that the instruments are perfectly clean; if not, repeat the cleaning and disinfection steps above.
- Discard any instruments with imperfections and replace them before the next surgery.

- Check that the instruments and surgical and prosthetic instrument boxes are perfectly dry before reassembling the parts and proceeding with sterilisation.

IMPORTANT

Follow the instructions given by the disinfection equipment manufacturer to determine concentrations and times and the instructions given by the ultrasonic equipment manufacturer to determine temperature, concentrations and times.

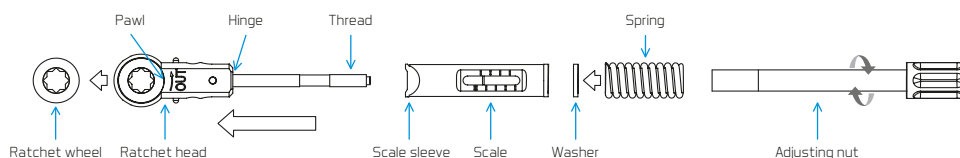
Disassembling the surgical ratchet



Reference: NRAC10

Assembly/disassembly diagram: components may vary

Disassembling the adjustable torque wrench



Reference: TORK

NOTE: when the lock nut is unscrewed, the components are separated. To assemble, simply place the parts in the same order and screw on the adjusting nut.

Assembly/disassembly diagram: components may vary

Sterilisation instructions

Applicable to implants, abutments, instruments and surgical and prosthetic instrument boxes.

Sterilisation in steam autoclave

- Place the material in individual sterilisation pouches and seal the pouches. For kit sterilisation, place the instruments in their surgical instrument box, place the box inside a sterilisation pouch and seal the pouch.
- Place the pouches to be sterilised in the autoclave.
- Sterilise in a steam autoclave at 134 °C/273 °F (max. 137 °C/276 °F) for 4 min (min.) and at 2 atm.

For the United States only: The validated and recommended sterilisation cycle for the US must be performed in a steam autoclave at 132°C/270°F for at least 15 min and with a drying time of at least 15–30 min.

IMPORTANT

Make sure the drying stage is allowed to run to completion, otherwise the products may be damp.

Check if the materials or sterilisation pouches are damp at the end of the sterilisation cycle.

Perform the necessary maintenance actions on the autoclave according to the established frequency and following the manufacturer's instructions.

Storage of DentPross® products

- Store the products in their original packaging in a clean, dry place until they are to be used.
- After sterilisation, keep the products in the sealed sterilisation bags and in a clean, dry location.
- Never exceed the use by date indicated by the manufacturer of the sterilisation bags.
- Always follow the indications of the manufacturer of the sterilisation bags.

General recommendations

- Never use damaged or dirty material; never reuse single-use products. The user is responsible for following the instructions described in this document correctly.
- The attention to piercing or sharp elements. Gloves should be worn when cleaning the materials to avoid accidents during handling.
- Follow the safety instructions indicated by the manufacturer of the disinfectant agent.
- The product's sterility cannot be guaranteed if the sterilisation bag is open, damaged or damp.
- Respect all stages of the sterilisation process. If the materials or sterilisation pouches contain traces of water or moisture, check the autoclave and dry the pouches.
- All DentPross® orthodontic implants, abutments, instruments and surgical and prosthetic instrument boxes are supplied UNSTERILISED and must always be sterilised prior to being used for the first time in accordance with the instructions indicated herein after being removed from their original packaging.
- Instruments and surgical and prosthetic instrument boxes must always be sterilised prior to use and cleaned and disinfected after use.
- Do not clean, disinfect or sterilise instruments made of different material together.
- Sterilisation, cleaning and disinfection processes gradually deteriorate the instruments. Inspect the instruments thoroughly to detect any signs of deterioration.
- NetPlus Medical SLU recommends following these instructions to ensure correct maintenance and safety of their products; accordingly, the company does not accept any responsibility for any damage to the products that could arise if the user uses alternative cleaning, disinfection and sterilisation procedures.

