Instructions for Use Nordent Instrument Cassettes

Intended use

Instrument Cassettes are metal or plastic containers that keep all instruments for a specific dental procedure together. They should not be used on patients with a hypersensitivity to stainless steel.

Inspection

Before each use, it is crucial to meticulously inspect the instrument cassette for any signs of fissures, cracks, surface damage, or other forms of damage. This step is vital to ensure the safety and effectiveness of the dental procedure.

Processing

Medical devices should not be distorted, bent, or overloaded; these can cause loss of function, fracture, or destruction of the devices.

Cleaning / Disinfection / Sterilization: This process is of utmost importance as it ensures the instrument cassettes are free from contaminants and maintains sterility.

The cassettes are delivered non-sterile.

It is of the utmost importance never to expose stainless steel cassettes to products not specifically formulated for dental instruments or to clean and sterilize dental instruments. Doing so can lead to severe damage and compromise the instruments' safety.

Do not expose stainless steel dental instruments to the following chemicals. These chemicals will cause an adverse reaction and may destroy your instruments:

Chlorine or Chlorinated products, Household Bleach, Tarter and Stain Remover, Aluminum Chloride, Aqua Regia, Barium Chloride, Bichloride of Mercury, Calcium Chloride, Carbolic Acid, Chlorinated Lime, Citric Acid, Dakin's Solution, Ferric Chloride, Ferrous Chloride, Hydrochloric Acid, Iodine, Lysol®, Mercury Chloride, Mercury Salts, Phenol, Potassium Permanganate, Potassium Thiocyanate, Sodium Hypochlorite (bleach), Stannous Chloride, Sulfuric Acid and Tartaric Acid (Tarter & Stain Remover)

Ultrasonic Cleaning Procedure

When manually cleaning or handling contaminated medical devices, personnel should wear heavy-duty, puncture-resistant utility gloves to avoid injury or cross-contamination. They should also wear a face mask, eye protection, face shield, and a gown or jacket because splashing will likely occur.

1. Completely disassemble the cassette, if applicable. Soak the disassembled cassette for the recommended soaking time in the cleaning solution, ensuring the cassette is sufficiently immersed. Use the processing time recommended by the detergent manufacturer and/or the cassette system.
2. Do not overload the Ultrasonic Cleaning unit. Use "Sweep modus" if available.
3. Remove the cassettes from the cleaning solution and post-rinse them intensively with low-contaminated, deionized water.
4. Inspect the cassette to ensure that all residue, debris, and residual cleaning solution are removed, that it is free of defects, and that it is safe to use.
5. Thoroughly dry the cassette before packaging for sterilization.

Sterilization

Place wrapped cassettes in a sterilizer, keeping them slightly separated.
Note that the cassette itself does not maintain sterility. It must be appropriately wrapped and sterilized to maintain sterility.

Steam sterilizer according to AAMI/ANSI ST55 and AAMI/ANSI ST8
Validated according to ANSI/AAMI ST 79 (valid IQ/OQ (commissioning) and product-specific performance qualification)

Minimum cycle times for gravity-displacement steam sterilization cycles

Item	Exposure time at 121°C (250°F)	Drying times
Wrapped instruments	30 minutes	Minimum 30 minutes

- NOTE—This table represents the variation in sterilizer manufacturers' recommendations for exposure at different temperatures. For a specific sterilizer, consult only that manufacturer's recommendations.

Minimum cycle times for dynamic-air-removal steam sterilization cycles

Item	Exposure time at 132°C (270°F)	Drying times
Wrapped instruments	4 minutes	Minimum 30 minutes

- NOTE—This table represents the variation in sterilizer manufacturers' recommendations for exposure at different temperatures. For a specific sterilizer, consult only that manufacturer's recommendations.

Never exceed 350º F / 177º C, as this will adversely affect the steel's temper.

Notice: No liability is accepted for reuse instruments that are applied to patients with Creutzfeldt-Jacob or HIV-positive patients.

Storage

Products must be stored in a dry, dust-protected place to avoid humidity and consequential corrosion. Some medical devices are delicate and should be individually packed or stored in protective containers. Please ensure that instruments are not in contact with chemical substances.

Warranty

Our products are manufactured to the highest quality standards. Please do not hesitate to contact us if you have any problems with our products. The user takes full responsibility for properly using and caring for these instruments. Damage caused by misuse, neglect, modification, or accidents is not covered by warranty. Nordent Manufacturing, Inc. does not accept liability for results caused by unauthorized repairs.

Reusability

This device is designed for reuse, emphasizing its value and sustainability. Proper care and adherence to the instructions can serve you and your patients for an extended period.

Contraindications: Hypersensitivity to stainless steel.

Material

Medical parts: 440A Stainless steel.

Method: High Gloss Surface

Reference standards: YY/T 0294.1

Nordent Manufacturing, Inc. does not accept liability for results caused by proven non-compliance with this instruction for the use.

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