

INSTRUMENTS

R&S

INSTRUCTIONS FOR USE

BEFORE THE FIRST USE OF THE INSTRUMENT

Almost all R&S instruments are delivered non-sterile and **must be cleaned and sterilized before their first use**. Items labeled as «sterile» on the packaging are an exception to this rule.

VERIFICATION AND SAFETY CHECK

Each instrument must undergo a visual inspection before any use. Careful attention should be given to **identifying any tears, fractures, or mechanical malfunctions**, particularly focusing on critical elements such as tips, cutting edges, locking mechanisms, triggers, locking elements, jaws, and all moving parts. **The instruments should also be thoroughly cleaned.**

MAINTENANCE AND CLEANING

After each use, **the instruments must be thoroughly cleaned and systematically disinfected**. During the cleaning and disinfection process, special attention should be paid to stoppers and locks, grooves, and hard-to-reach areas. Removable instruments should be cleaned after disassembly. Cleaning should involve brushing with a detergent solution to remove protein residues from tissues and blood, followed by decontamination and disinfection using suitable products, such as soaking in a simple bath or using ultrasound.

THE INSTRUMENTS SHOULD BE DRIED AFTER CLEANING AND RINSING

Before sterilization, **they should be lubricated** with a compatible and biocompatible lubrication product. Special precautions should be taken concerning the previously mentioned critical elements.

STERILIZATION

All instruments can be sterilized through autoclaving (134°C for 18 minutes).

HANDLING

Surgical and odontology instruments should be handled with caution. Adequate preventive measures should be taken to avoid damage during transportation, cleaning, maintenance, sterilization, and storage. Instruments should not be exposed to aggressive substances that may cause rust formation or functional failure, leading to complete inadequacy of the instrument. This mainly concerns the use of acidic substances or aggressive cleaning products. It is imperative to follow the manufacturer's recommendations and read the user manual before any use.

STORAGE CONDITIONS

Instruments should be stored in a dry atmosphere. They should not be stored in metallic containers except for stainless steel or aluminum containers. Instruments should be kept away from direct exposure to sunlight. **For sterile instruments, they should be sterilized and stored in a sealed sheath or pouch until the next use.**

