



# CARE INSTRUCTIONS FOR DENTAL INSTRUMENTS

Every Hu-Friedy instrument undergoes a comprehensive quality control process, which covers each individual production stage and ensures the high standards associated with Hu-Friedy instruments are maintained.

Here are a few tips to help you care for our instruments and enjoy using them for as long as possible.

## 1 CORRECT DISINFECTION, CARE AND STERILISATION

**First use: Cleaning, disinfection and sterilization is required for the first use of non-sterile instruments after removal from the protective packaging.**

- Sterilisation is not the same as cleaning! If an instrument is exposed to high temperatures without being cleaned beforehand, material may become baked in.
- All impurities must be removed from instruments before the disinfection stage. If this stage cannot be automated, it is advisable to place the implements - as quickly as possible and taking care to avoid bubbles - into a non-corrosive, low-foaming cleaning solution or a non-fixing, cleansing disinfectant solution. It may also be a good idea to use some form of mechanical support (e.g. involving ultrasound). Please ensure appropriate protective clothing is worn.

From an occupational health perspective, it is recommended to place instruments in a disinfectant bath before the manual cleaning process. Please note, however, that no fixing effect is intended here and that this step does not qualify as a disinfection process. Instruments can only be successfully disinfected and sterilised once they have been thoroughly cleaned.

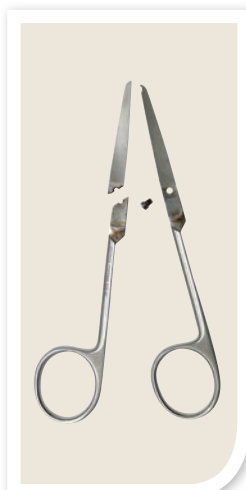
- Following cleaning/disinfection, the instruments to be sterilised should be thoroughly dried with deionized water and placed in suitable packaging in readiness for the sterilisation process. It is better to use steam sterilisation methods. Temperatures must not exceed 134°C.



**Enzymax Spray Gel**, which contains corrosion inhibitors, is a ready-to-use gel for the pre-cleaning of instruments. It stays moist to prevent residue drying onto the instrument before cleaning. It dissolves blood, tissue and other residues.

## 2 'DOS AND DON'TS'

• Whichever sterilisation methods you are using, you should inspect your instruments beforehand for any residual dirt or deposits from organic or mineral sources. Both may find their way onto instruments and cause corrosion.



• **Never mix stainless steel with aluminium, brass or copper. This can cause electrolysis, as well as cauterisation or corrosion.**

• Use distilled or demineralised water if at all possible. A high mineral content or excessively hard water may cause stubborn stains to form.

• **Careful drying is extremely important.**

- **Hinged instruments, pliers, bone rongeur forceps, scissors and needle holders should always be well lubricated.**



If applied regularly, Hu-Friedy **ILS Spray** prevents abrasive corrosion and reduces friction levels when tools are used. Please always ensure hinged instruments are open before cleaning, disinfection or sterilisation.



## 3 ENZYMAX DUAL-ENZYME CLEANING

• Enzymax is a liquid cleaning concentrate based on two enzymes. It is ideal for cleaning instruments in a tray or an ultrasonic bath or when soaking them by hand prior to cleaning.

- It has a neutral pH value and it contains no hazardous chemical substances
- It contains chelating agents: protects and maintains the surfaces of instruments, e.g. against the minerals contained in water
- It is suitable for pre-cleaning (E.g. before storing your instruments for long periods in the thermal disinfectant and prior to this being switched on)
- It removes blood proteins and other cellular matter faster than a 'single-enzyme' cleaner
- It works brilliantly in an ultrasonic cleaner
- It is a pre-soaking agent for linen fabrics
- It even gives older, dull-looking instruments their shine back if used regularly
- It is ideal for hinged instruments as the enzymes can also penetrate these, thereby preventing blood, saliva, etc. from gathering on hinges

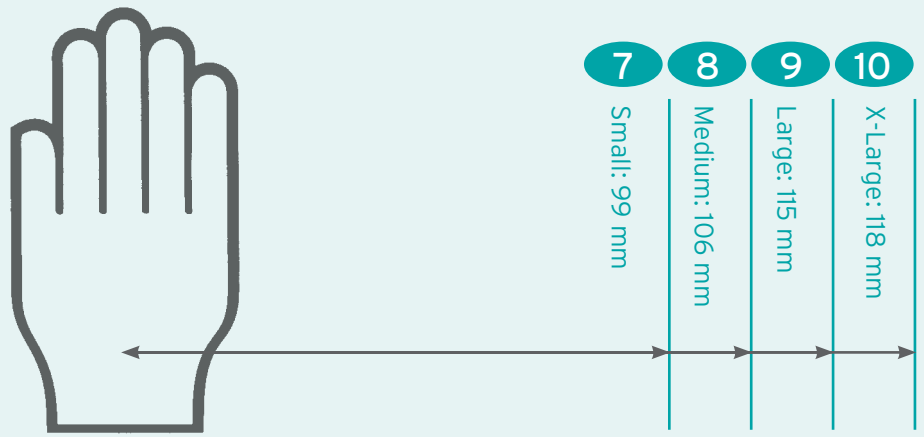
Please turn over for further information and details or visit our website at for more details about **Reprocessing of Dental Instruments and Accessories**.



Hu-Friedy offers an Instrument Management System (IMS), which covers everything from actual dentistry work to the cleaning, sterilisation and storage of your instruments. Working with a system saves time and money. Please ask for further information.

## WORKING OUT YOUR GLOVE SIZE

Place your hand as shown to help you select the correct glove size. Choosing the right size will prevent your hands becoming tired.



## LILAC GLOVES

These nitrile work gloves with a flocked cotton lining offer protection against chemicals, solvents and oils. Special easy-grip shape. Limited protection against puncture injuries and cuts. The gloves can be autoclaved at up to 121°C (up to five times) and come in packs of three.

- Small (size 7) **40-060**
- Medium (size 8) **40-062**
- Large (size 9) **40-064**
- Extra-large (size 10) **40-066**



## ILS SPRAY

For lubrication of hinges and locking elements in scissors, pliers, bone rongeur forceps, needle holders, artery clamps, etc. When applied before sterilisation, the spray does not dry out during the sterilisation process. Protects against abrasive corrosion and deposits and ensures instruments are able to function properly.

**ILS** Lubricant Spray (237 ml)



## SHINE reNEW

It effectively removes stains and rust and gives instruments their shine back.

- It can be used on stainless steel, copper, brass, anodised aluminium and tungsten carbide
- It lets hinged instruments move freely again, with old residue being dissolved
- No abrasive scouring is required
- It is quick and easy to apply

## IMS-1455

Instrument Wipes (20 wipe canister)



## INSTRUCTIONS FOR USE: ENZYMAX

**ENZYMAX** is a liquid cleaning concentrate based on two enzymes. It is ideal for cleaning instruments in an ultrasound bath or by hand. The enzymes effortlessly break down blood, proteins, etc. Also available as a spray gel, powder or cleaning tablets.

**ENZYMAX** is great for removing blood, protein and other cellular matter, without any mechanical stress, from both instruments and fabrics. It is particularly suitable for surgical, endodontic and any other instruments which come into contact with blood.

It is important to note that ENZYMAX must not come into contact with disinfectants.

### Extremely easy to use:

#### Instrument bath:

Water temperature 32°C to 60°C, (best to use is demineralized water) then rinse thoroughly, replace daily. Treatment time: 3-5 min.

#### Bath for linen fabrics:

Approx. 9 caps for 4 litres (or 2 packs/2 sachets or 9 pump actions). Treatment time: 10 min., then wash as normal.

#### Ultrasonic bath:

Water temperature 32°C to 60°C (best to use is demineralized water). Bottles with pump insert: pump one time per liter of water. After cleaning, rinse, dry thoroughly and proceed with sterilization.

#### Benefits: saves time and makes life easier for the assistant

Instruments also start to look really great again after few applications.



Partcode	Description
<b>IMS-1222</b>	40 sachets of 10 ml (1 sachet for 3.5 l water)
<b>IMS-1222SP</b>	Free sample pack (same as IMS-1222)
<b>IMS-1224</b>	950 ml pump bottle, approx. 121 l solution (1 x pump action = 1 l water)
<b>IMS-1224P</b>	Pump for IMS-1224, free (please order together)
<b>IMS-1226</b>	3.8 l storage container (approx. 485 l solution)
<b>IMS-1226P</b>	Pump for 3.8 l bottle (please order together)
<b>IMS-1229</b>	Enzymax Spray Gel, 709 ml bottle (up to 450 sprays)
<b>IMS-1232</b>	Enzymax PAX box with 32 cleaning tablets (equivalent to approx. 121 l solution)
<b>IMS-1230</b>	Enzymax Powder, 800 gram container (equivalent to approx. 189 l solution)
<b>IMS-1230C</b>	Enzymax Powder, crate with 6 x 800 gram container
<b>Enzymax Earth: The best way to clean your instruments is now even better and even more environmentally friendly.</b>	
<b>IMS-1332</b>	Enzymax Earth box with 32 cleaning tablets (equivalent to approx. 121 l solution)
<b>IMS-1333</b>	Enzymax Earth box with 96 cleaning tablets (equivalent to approx. 363 l solution)
<b>IMS-1336</b>	Enzymax Earth 3.8 l storage container (approx. 485 l solution)