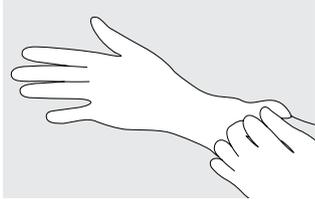


# SciCan

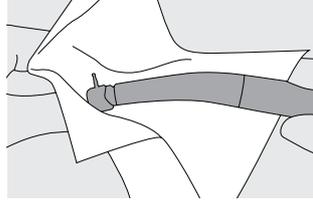
## Dental Handpieces - Reprocessing Guide

To ensure optimal handpiece life for SciCan handpieces the following steps should be performed immediately after each use. Please refer to the handpiece's operator manual for more information.

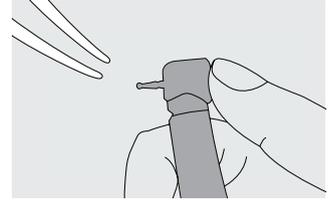
### 1. Preparations



1. To minimise risk of infection, always wear personal protective equipment for the reprocessing of dental handpieces



2. Immediately after each treatment and prior to removing the handpiece from the coupling, wipe off any debris or blood contamination with an approved disinfectant and remove from coupling



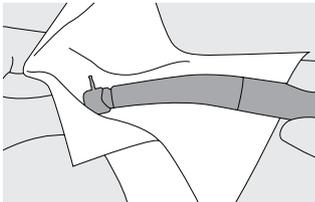
3. Remove any rotary instruments (burs, files, etc.) before reprocessing.



#### Warnings:

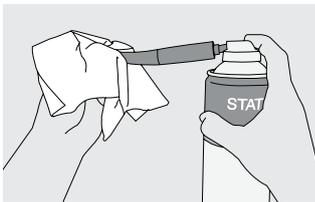
- Do not immerse dental handpieces in disinfection solutions.
- Do not clean dental handpieces in an ultrasonic bath.
- Do not use any products containing acetone, chlorine or bleach as disinfectants.

### 2a. Maintenance Procedure



#### Manual Cleaning and Disinfection

1. After each use, the device must be thoroughly scrubbed under water with a soft bristle for approx. 20 seconds.
2. For internal and external cleaning use a non protein fixing cleaner.
3. When applying disinfection sprays/wipes, follow the manufacturer's instruction for use.
4. Apply dry air to the internal and external surfaces until surface water is no longer visible.



#### Maintenance - manual lubrication

1. Place the instrument in a cloth or paper towel so as to catch any debris and foreign matter expelled by the atomizer jet.
2. Hold the can at a vertical position and insert the nozzle of the lubricant into the back of the instrument sleeve.
3. Spray for 1-2 seconds. Use a recommended maintenance aerosol.
4. Reconnect the handpiece to the dental unit coupling and run the handpiece for at least 20 seconds to remove any residual debris and oil.

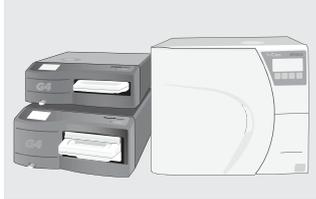
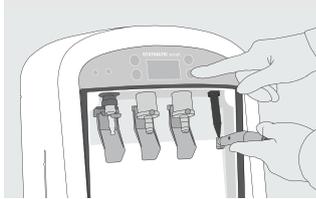
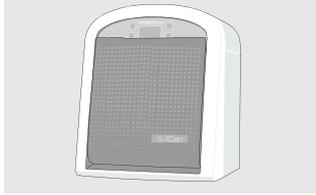
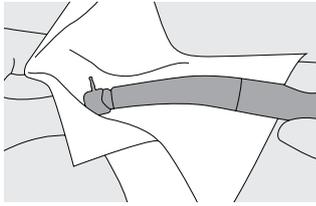


#### Hazard due to incomplete disinfection

The disinfection procedures must be verified to have bacterial, fungicidal and virucidal effects. If the disinfectants you used do not offer the above prescribed characteristics, the process must be concluded with disinfection of devices in a washer disinfector or in unwrapped conditions in a steriliser!

Note that the processed instruments are for immediate re-use only.

## 2b. Mechanical Procedure with maintenance unit and steriliser



### Manual Outer Cleaning

After each use, the device must be thoroughly scrubbed under water with a soft bristle for approx. 20 seconds.

### Mechanical Internal cleaning and lubrication

Connect the instruments to the appropriate adaptors of the Maintenance Unit (e.g. STATMATIC™ smart), close the door and choose program “cleaning and maintenance” to start the process.

After removing from the unit wipe off the instruments using a damp cloth soaked with disinfection (e.g. OPTIM® 1)

The STATMATIC smart includes a compressed air function to automatically purge the instruments of excess fluid after the program. If you use a different device without compressed air function make sure to manually applying dry air to the handpieces.

After reprocessing the instrument in the STATMATIC smart unit, use the integrated tip - adapter for cleaning and lubrication of the chuck mechanism.

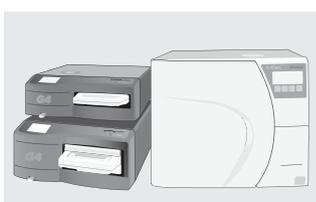
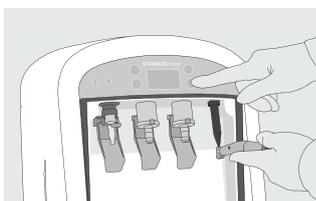
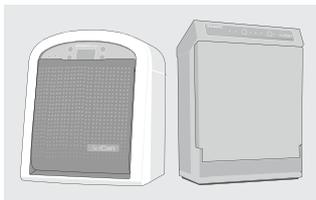
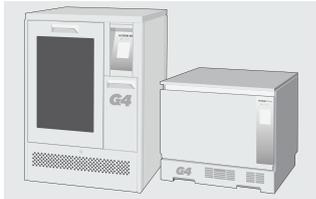
### Disinfection in a steam steriliser

Disinfection needs to be done unwrapped by using the appropriate program of your steam steriliser.

Note, that the processed instruments are for immediate re-use only.

OR

## 2c. Mechanical Procedure with washer disinfectant and steriliser



### Mechanical internal and external cleaning and disinfection

Most handpieces can be reprocessed externally and internally at the same time by using a washer disinfectant with the appropriate handpiece adaptor (e.g. with the HYDRIM® C61wd LCS or HYDRIM M2 G4, both compliant to EN ISO 15883-1).

### Lubrication and Maintenance

Connect the instruments to the appropriate adaptors of the Maintenance Unit (e.g. STATMATIC smart or STATMATIC), close the door and choose program maintenance to start the process.

After the instruments have been processed, clean them with a disinfection wipe.

Both, the STATMATIC and the STATMATIC smart include compressed air function to automatically purge the instruments after the program. If you use a different device and a compressed air function is not included make sure to manually apply dry air to the handpieces.

After reprocessing the instrument in the STATMATIC smart unit, use the integrated tip - adapter for cleaning and lubrication of the chuck mechanism.

### Wrapping

Seal every medical device separately in a sterile pack before sterilization. Ensure that the packing is large enough and will not be stretched.

### Sterilisation

After the cleaning and maintenance process, use a EN 13060 complaint steriliser (e.g. STATIM® or Bravo™).

When sterilising a handpiece, ensure that it is capable of being processed in an autoclave. Many will have a temperature symbol engraved on them showing the appropriate cycle to use. Where this is not apparent, always refer to the handpiece manufacturer. All SciCan instruments with the sterilisation sign can be sterilized in steam sterilisers according to EN 13060.

### Storage

Reprocessed products should be stored wrapped in a dust free, dry, dark environment at room temperature. Please be aware, that wrapped sterile instruments have a limited shelf life (observe local guidelines).

### General Chuck Maintenance

We recommend the chuck system be cleaned and lubricated at least once a week. Maintaining the chuck after each procedure increases the chance that proper protocol is being followed and will not harm the handpiece.

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