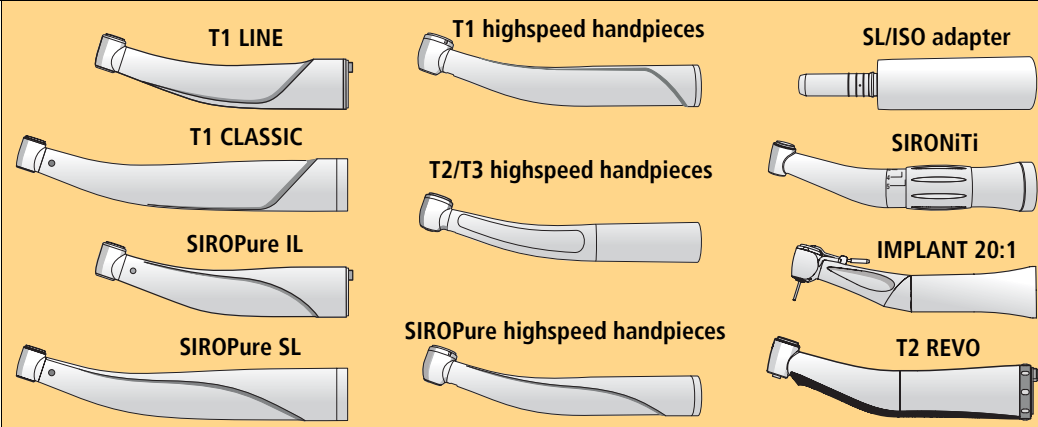


# Reconditioning of handpieces, contra-angle handpieces and highspeed handpieces

## Automatic preparation

### Important note on cleaning and maintenance



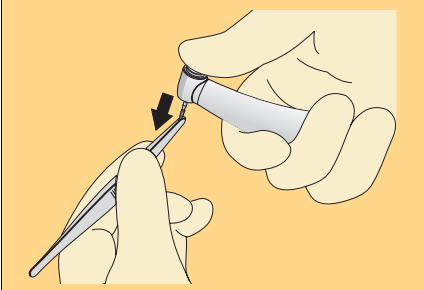
**Please observe** the federal directives and regulations on hygiene and disinfection such as:

- ISO 17665
- Robert-Koch-Institut (RKI) 2006 ADA, CDC, etc.
- PCD test, Process Challenge Device
- Helth Technical Memorandum 01-05
- Guide de prévention des infections

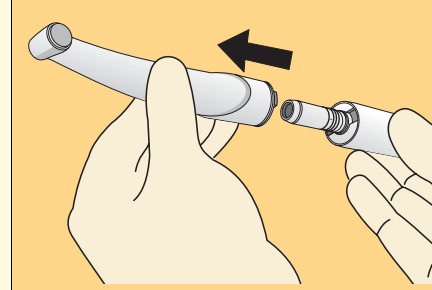
#### Safety precautions:

Always wear protective gloves during reconditioning.

### After each patient:



At the treatment center, **remove the burr** from the collet chuck and place it in the burr disinfectant solution. Use suitable tweezers to do this. Observe the manufacturer specifications regarding maintenance of the burr.



**Remove the handpiece or contra-angle handpiece** from the motor or ISO adapter or **remove the highspeed handpiece** from the quick coupling.

### Cleaning - disinfection - oil maintenance - sterilization



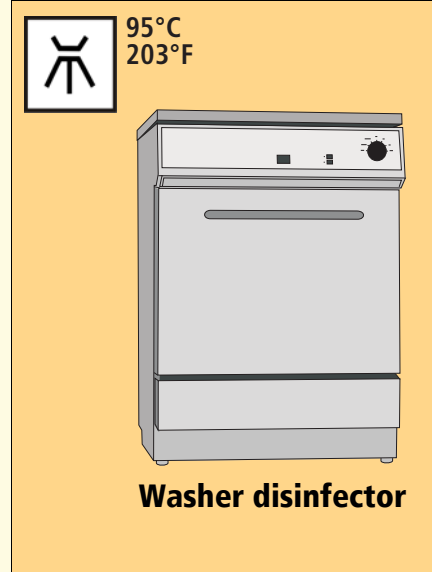
Internal and external cleaning (drives, spray water and spray air channel), disinfection, maintenance with oil and sterilization are performed automatically. The oil maintenance process can be switched off for SIROPure instruments. RKI risk assessment: Semi-critical B (**disinfected**) and critical B (**sterile**) upon immediate use. Use PCD test.

#### **i** NOTE

*Rough cleaning of firmly attached polishing pastes and cement residue must be carried out manually.*

Maintenance concentrate (6 pcs.)	REF 60 86 628
for units with a SN < 104.000	REF 62 59 118
for units with a SN > 104.000	REF 60 53 842
Regeneration tabs (100 pcs.)	REF 58 92 059
Indicators for batch test (100 pcs.)	

### Thermodisinfection

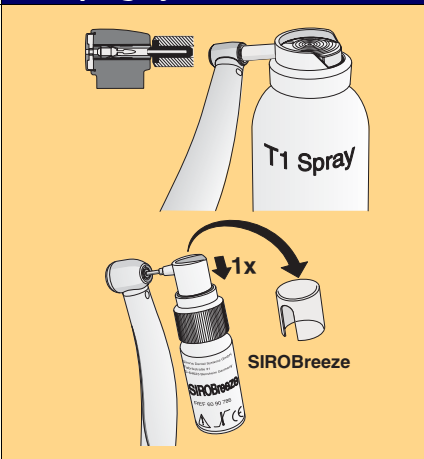


Devices according to EN ISO 15883-1, approved by manufacturer for handpieces, contra-angle handpieces and highspeed handpieces, (Example 95°C, 10 min.) The **adapters** stipulated by the manufacturer are to be used for inside cleaning. The procedure is to be repeated if dirt is still present after thermal disinfection. In order to use the instrument, it must be dry and free of residue. Blow through the instrument after each thermal disinfection process then **spray with T1 spray for at least 2 seconds**.

#### **i** NOTE

*Rough cleaning of firmly attached polishing pastes and cement residue must be carried out manually. **SIROPure instruments may not be subjected to thermal disinfection.***

### Clamping system maintenance



Spray the collet chuck **at least once a week** from the burr side with T1 spray.

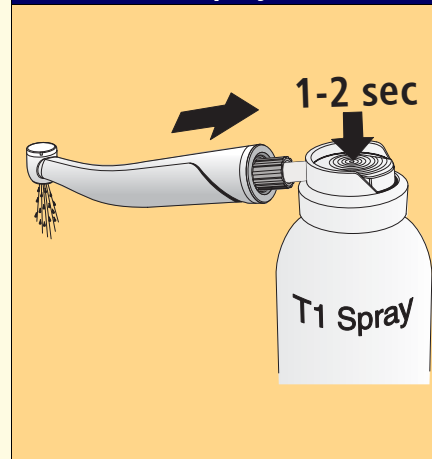
#### **i** NOTE

***Free motion of the button is to be ensured.** Only use problem-free clean burs and diamond grinders. These must be clean to prevent dirt from being carried into the clamping system.*

Please use SIROBreeze once a week for clamping system maintenance of SIROPure instruments. The instrument should not be used during the next 12 hours.

SIROBreeze	REF 60 90 786
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### Care with T1 spray



**Daily at noon and in the evening as well as before each sterilization and after each thermal disinfection procedure.**

Spray with T1 spray for 1-2 seconds.

Repeat the spraying procedure until the liquid emerging from the head is no longer dirty.

(Procedure step does not apply if prepared in DAC UNIVERSAL!)

T1 maintenance spray (6 pcs.)	REF 59 01 665
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### Transport and storage



After preparing in DAC UNIVERSAL or cleaning in the thermal disinfection system, package instruments for transport and storage. Subsequently sterilized packaged in DAC UNIVERSAL or DAC PROFESSIONAL.

#### SIROFOLE sealing foils:

200 m x 5 cm	REF 58 33 905
200 m x 7.5 cm	REF 58 33 913
200 m x 10 cm	REF 58 33 921

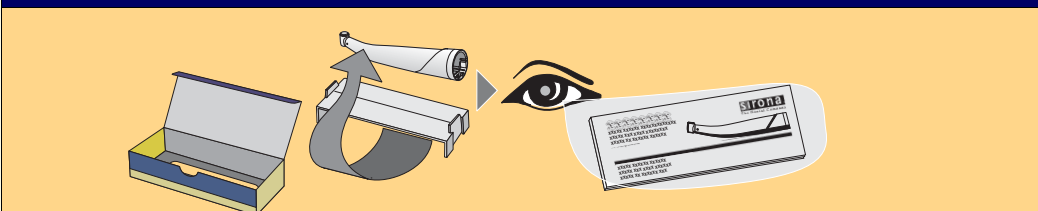
### Sterilization in autoclave



Steam sterilizers are permitted that fulfill the requirements of EN 13060 class B or S and are approved for the sterilization of handpieces, contra-angle handpieces and highspeed handpieces.

Helix test set	REF 58 92 042
Indicators (100 pcs.)	REF 59 03 641

### Please note



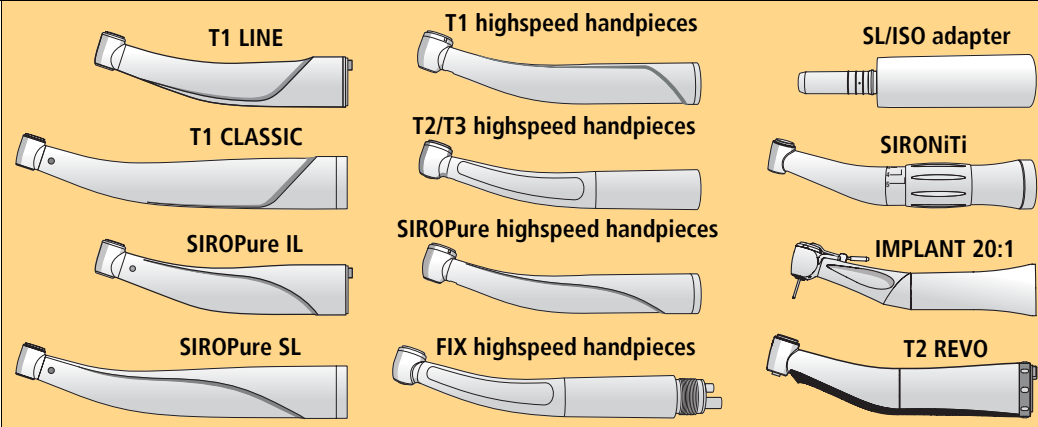
This preparation overview is presented in simplified form. The sequence of measures depends on the technical requirements of each practice. The operating instructions of the applied handpieces, contra-angle handpieces, highspeed handpieces and the devices are to be observed!

# Reconditioning of handpieces, contra-angle handpieces and highspeed handpieces

## Manual preparation

Automatic preparation with the DAC UNIVERSAL is preferred over manual preparation! (see reverse)

### Important note on cleaning and maintenance



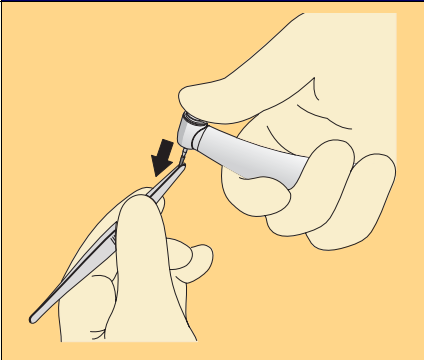
**Please observe** the federal directives and regulations on hygiene and disinfection such as:

- ISO 17665,
- Robert-Koch-Institut (RKI) 2006
- ADA, CDC, etc.
- Helth Technical Memorandum 01-05
- Guide de prévention des infections

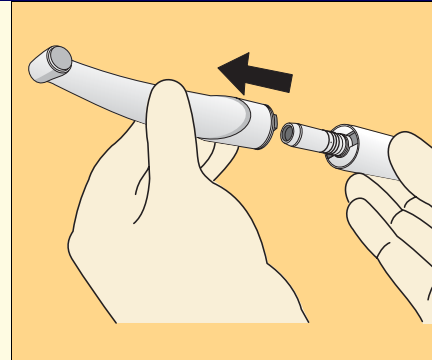
#### Safety precautions:

Always wear protective gloves during reconditioning.

### Perform on the treatment center:



At the treatment center, **remove the burr** from the collet chuck and place it in the burr disinfectant solution. Use suitable tweezers to do this. Observe the manufacturer specifications regarding maintenance of the burr.



**Remove the handpiece or contra-angle handpiece** from the motor or ISO adapter or remove the **highspeed handpiece** from the quick coupling.

### Disinfection



Chemical spray and wipe disinfection permitted **on the outside and in spray water and spray air channel**.

The disinfectants that are approved in your country must have proven bactericidal, fungicidal and virucidal properties.

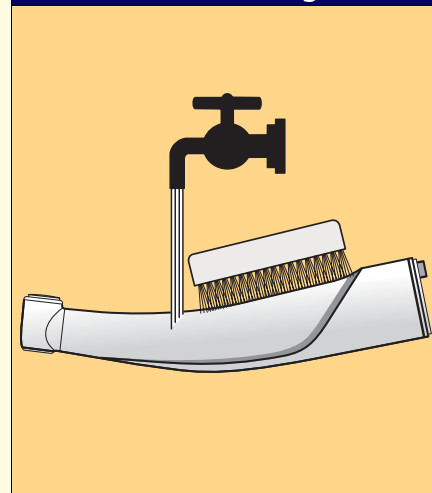
The following agents are approved for disinfection of spray media channels under observance of the manufacturer notes (**note required adapter!**):

- ALPRO – ALPRO WL series
- METASYS – GREEN&CLEAN IK

#### CAUTION

No immersing in disinfectant solution and no cleaning in an ultrasonic bath.

### Outer surface cleaning



Manual cleaning must always be combined with disinfection.

Cleaning the outer surface of the disinfected instrument: Brush off under tap drinking water (max. 38°C, max. 100°F).

Prevent dirty water from entering when brushing off solid residue especially in the head area.

### Clamping system maintenance



Spray the collet chuck **at least once a week** from the burr side with T1 spray.

#### NOTE

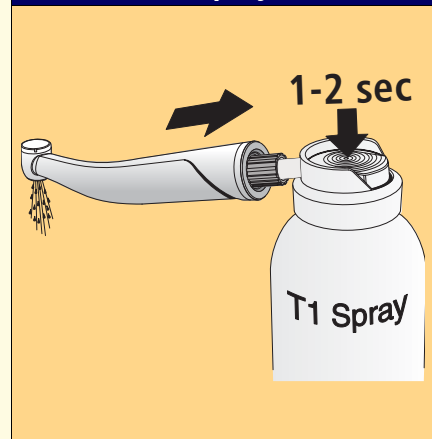
**Free motion of the button is to be ensured.** Only use problem-free clean burs and diamond grinders. These must be clean to prevent dirt from being carried into the clamping system.

Please use SIROBreeze for clamping system maintenance of SIROPure instruments. The instrument should not be used during the next 12 hours.

SIROBreeze

REF 60 90 786

### Care with T1 spray



**Daily at noon and in the evening as well as before each sterilization and after each thermal disinfection procedure.**

Spray with T1 spray for 1-2 seconds.

Repeat the spraying procedure until the liquid emerging from the head is no longer dirty.

T1 Spray can be used for SIROPure maintenance.

T1 maintenance spray (6 pcs.)

REF 59 01 665

### Transport and storage



**NITRASEAL**

Package instruments for transport and storage.

SIROFOLE sealing foils:

- 200 m x 5 cm REF 58 33 905
- 200 m x 7.5 cm REF 58 33 913
- 200 m x 10 cm REF 58 33 921

### Sterilization in autoclave



**DAC PROFESSIONAL**

Steam sterilizers are permitted that fulfill the requirements of EN 13060 class B or S and are approved for the sterilization of handpieces, contra-angle handpiece and highspeed handpieces.

Use Helix test!

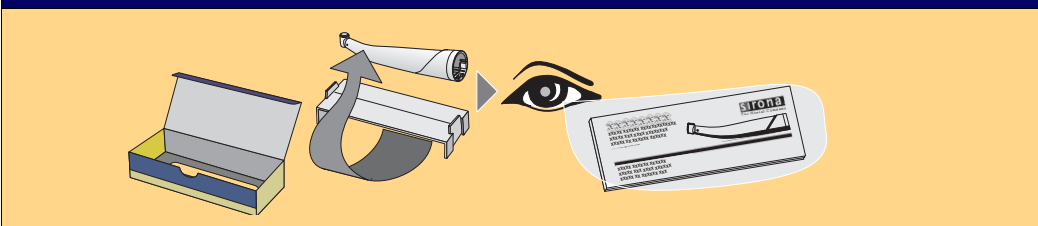
Helix test set

REF 58 92 042

Indicators (100 pcs.)

REF 59 03 641

### Please note



This preparation overview is presented in simplified form. The sequence of measures depends on the technical requirements of each practice.

The operating instructions of the applied handpieces, contra-angle handpieces, highspeed handpieces and the devices are to be observed!