

Set-up



1. Operative sites

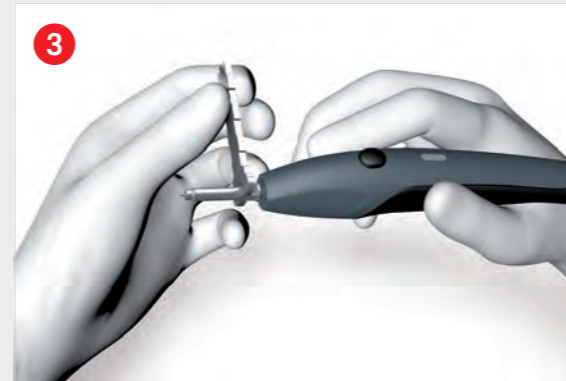
The **SonicWeld Rx® ultrasonic unit** must be set up and operated in the **non-sterile area** of the operating environment.

Sonotrodes, handpieces with connecting cables and wrench are located in the **sterile area** of the operating environment, which is why they must be used in sterile condition.



2. Connect the handpiece

The connecting cable of the handpiece is approx. 2.95 m long. If the standard cable is not long enough, additional handpieces with longer connection cable (6 m) are available.



3. Fixate the sonotrode on the handpiece

Screw the sonotrode manually in place on the handpiece and use the open-end wrench to check it for secure attachment (torque: max. 0.3 Nm).



4. Set-up of the ultrasonic unit

Plug the mains cable into the ultrasonic unit and then into a mains socket-outlet with ground contact.

Press the on-standby switch to turn on the device.



5. Self-test of the handpiece

To perform the self-test, push the handpiece activation button for approx. three seconds. This will be indicated by a display icon at the unit and by the blinking blue LED on the handpiece. The self-test is performed as soon as the handpiece is operated for the first time. Be sure to keep the tip of the sonotrode out of contact with objects during this process.

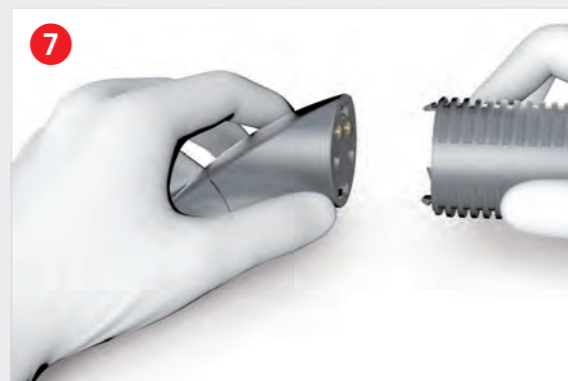
If the test is successful, the unit is automatically set to working mode. This is indicated by the display.



6. Connect second handpiece (optionally)

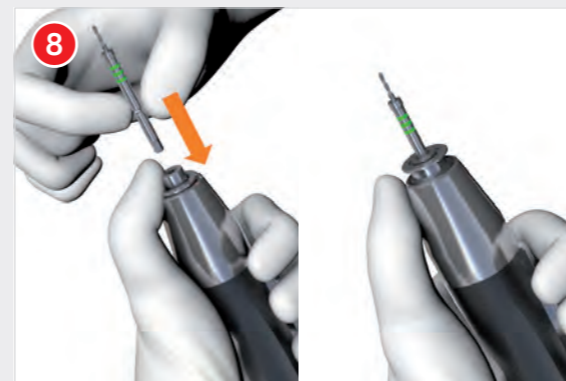
Using two handpieces, the self-test needs to be triggered with each handpiece.

The two handpieces can only be used alternatingly. By pressing the activation switch of the other handpiece, an acoustic click can be perceived and the „A“ appears in the display side of that handpiece.



7. Prepare the BOS Drill

Plug in the sterile battery pack into the sterilized handle of the BOS Drill.



8. Insert the drills

Then, insert the appropriate twist drill into the BOS Drill.



9. Non-sterile set-up of the Xcelsior water bath

The Xcelsior water bath must be set up and operated in the sterile area of the operating environment **approx. 20 minutes before use**.

After plugging the mains cable into the device and then into a mains socket-outlet with ground contact, the water bath can be turned on with the on-off switch.

Alternatively, the water bath can also be switched on by sterile personnel through the cover hood after the cover has been put on.



10. Sterile set-up of the Xcelsior water bath

Cover the thermal unit ① with the sterile cover hood ②. Place the sterile water container with the frame ③ into the sterile cover hood.

The water container can then be filled up with sterile fluid (e. g. aqua destilata, physiologic saline) until the water level reaches the marking (approx. 500 ml).

The water bath is ready for action, when the orange thermo control display „OK“ lights up. Depending on the amount of liquid in the water container, heating time of the device is normally approx. 20 minutes.

Note:

This is a shortcut guide to help users already familiar with the equipment and does not include all details. The information presented in this brochure is intended to demonstrate KLS Martin Group products. Please refer to the instructions for use for the full list of indications, contraindications, warnings, precautions, and sterilization information. Always refer to the instructions for use before using any KLS Martin Group product. Surgeons must always rely on their own clinical judgment when deciding which products and techniques to use with their patients.

