

Small Battery Drive II

Manual and Mechanical
Cleaning Instructions



Cleaning Guide

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Small Battery Drive II

Handpieces, battery casings, sterile covers and attachments must be processed using
a) manual cleaning and / or
b) automated cleaning with manual pre-cleaning.

Manual Cleaning Instructions



1 Remove debris.

Rinse the device under running cold tap water for a minimum of 2 minutes. Use a sponge, soft lint-free cloth, or soft-bristled brush to assist in removing gross soil. For cannulations of the handpiece and attachments, the cleaning brush (519.40) should be used.

Note: Do not use pointed objects for cleaning.

2 Manipulate moving parts.

Manipulate all moving parts such as the triggers, sleeves, and switches under running tap water to loosen and remove gross debris.



3 Spray and wipe.

Spray and wipe the device using a neutral pH enzymatic solution for a minimum of 2 minutes.

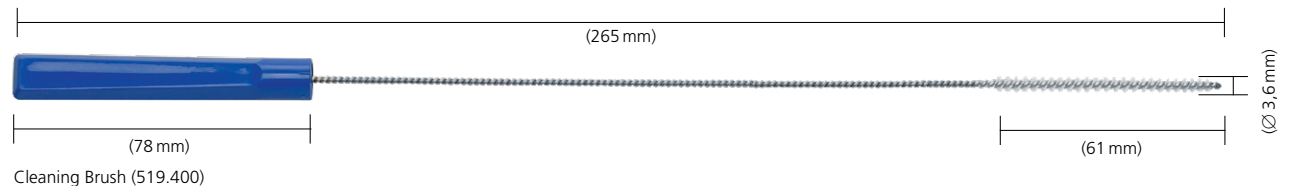
Follow the enzymatic detergent manufacturer's directions for correct temperature, water quality (i.e., pH, hardness) and concentration/dilution.



4 Clean with detergent.

Clean the device manually under running warm water using an enzymatic cleaner or detergent for a minimum of 5 minutes. Manipulate all moving parts under running water. Use a soft-bristled brush and/or soft lint-free cloth to remove all visible soil and debris.

Follow the enzymatic cleaner or detergent manufacturer's instructions for use for correct temperature, water quality, and concentration/dilution.





5 Rinse with tap water.

Rinse the device thoroughly using cool to lukewarm running water for a minimum of 2 minutes. Use a syringe, pipette, or water jet to flush lumens and channels. Actuate joints, handles, and other movable device features in order to rinse thoroughly under running water.

6 Visually inspect device.

Inspect the cannulations, coupling sleeves, etc., for visible soil. Repeat steps 1 to 6 until no visible soil remains.



7 Final rinse with de-ionized/purified water.

Final rinse with de-ionized or purified water for a minimum of 2 minutes.



8 Dry.

Dry device using a soft lint-free cloth or clean compressed air.

9 Sterilize.

Sterilize device per sterilization instructions located in Manual.

Mechanical/Automated Cleaning Instruction with Manual Pre-cleaning

Important:

- Manual pre-cleaning prior to automated cleaning/disinfection is important to ensure that cannulations and other difficult to access areas are clean.

Follow steps 1 through 6 of the Manual Cleaning Instructions.



7 Load washing basket.

Place devices in the specially designed tray for machine washing supplied by DePuy Synthes Power Tools (68.001.610). Ensure that all cannulations (handpiece and attachments), if applicable, are positioned vertically, i.e., in an upright position as shown.

Note: Specific lid (68.001.602) is available for the washing basket.

8 Automated cleaning cycle parameters

Note: The washer/disinfector should fulfill the requirements as specified in ISO 15883.

Step	Duration (minimum)	Cleaning instructions
Rinse	2 minutes	Cold tap water
Pre-wash	1 minute	Warm water ($\geq 40^{\circ}\text{C}$); use detergent
Cleaning	2 minutes	Warm water ($\geq 45^{\circ}\text{C}$); use detergent
Rinse	5 minutes	Rinse with de-ionized (DI) or purified water (PURW)
Thermal disinfection	5 minutes	Hot DI water, $\geq 93^{\circ}\text{C}$
Dry	40 minutes	$\geq 90^{\circ}\text{C}$

9 Inspect the device.

Remove all the devices from the washing basket. Inspect the cannulations, coupling sleeves, etc., for visible soil. If necessary, repeat the manual preclean/automated cleaning cycle. Confirm that all parts are completely dry.

Mechanical cleaning/disinfection is an additional stress for power equipment, especially for seals and bearings. Therefore, systems must be properly lubricated and regularly sent to be serviced at least once per year.

10 Sterilize.

Sterilize device per sterilization instructions located in Manual.

Note: For additional information, please refer to the package insert or www.e-ifu.com.

For detailed cleaning and sterilization instructions, please refer to www.depuySynthes.com/hcp/cleaning-sterilization or sterilization instructions, if provided in the instructions for use.



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Please also refer to the package insert(s) or other labeling associated with the devices identified in this user's manual.

CAUTION: USA Law restricts these devices to sale by or on the order of a physician.

Some devices listed in this technique guide may not have been licensed in accordance with Canadian law and may not be for sale in Canada. Please contact your sales consultant for items approved for sale in Canada.

Not all products are currently commercially available in all markets.



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Note: For recognized manufacturer, refer to the product label.

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