

# Aesculap Power Systems

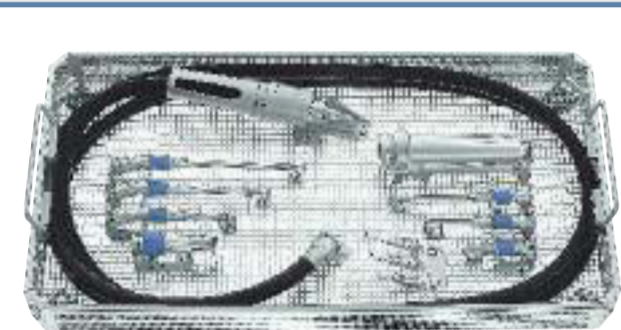
## Mechanical reprocessing of HiLAN XS, microspeed uni / arthro, Acculan 3Ti

### 1. Preparation

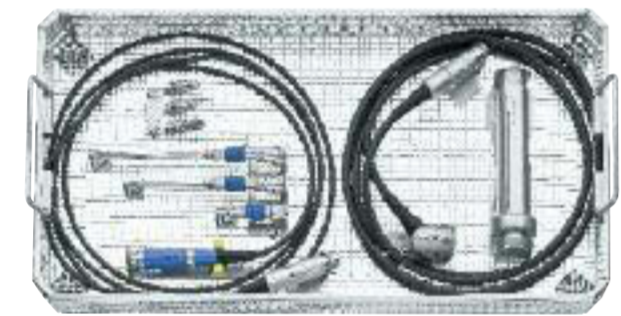
- ⚠ Pre-clean immediately, i. e. remove major impurities whilst still in theatre

### 2. Place components in storage fixations

- ⚠ Place components in their correct positions in the fixations
- Do not place batteries in the washer-disinfector



HiLAN XS



microspeed uni



Acculan 3Ti



If appropriate, fit the rinsing adapter and connect it to the rinsing port of the washer-disinfector. (See illustrations)

This is currently possible for:

- microspeed uni pistol GD684
- Acculan 3Ti drills GA671, GA672
- Acculan 3Ti drill and reamer attachments
- Hi-Line (XS, XXS) and micro-line drill handpieces

### 3. Washing and disinfection

- ⚠ Do not immerse motors and handpieces
- Do not clean motors and handpieces in the ultrasonic bath

To avoid damage to your Aesculap Power Systems, please use a washing and disinfecting programme that satisfies the following requirements:

- Use a suitable neutral, alkaline or mildly alkaline detergent/disinfectant in accordance with the manufacturer's instructions
- Do not exceed the maximum washing temperature of 60 °C / 140 °F
- Wash for a minimum of 3 minutes
- Neutralise if necessary
- Intermediate rinse should last for at least 1 minute
- Perform final rinse using distilled, demineralised or deionised water
- Thermal disinfection: rinse for 5 minutes at max. 96 °C / 204 °F with distilled, demineralised or deionised water
- End programme with a drying phase of at least 10 minutes at a maximum temperature of 120 °C / 248 °F

### 4. Lubrication

- ⚠ Lubricate prior to each sterilisation
- Validated only with Aesculap Sterilit Oil Spray GB600

Wrap handpieces, attachments and motors in cloth or cellulose to absorb excess oil.

- Use the appropriate spray adapter:
  - GB600810 micro-Line
  - GB600820 microspeed uni / arthro, HiLAN XS, Hi-Line (XS, XXS)
  - GB600830 mini-Line
  - GB600840 Acculan 3Ti
  - GB600870 microspeed uni XS

Be careful to use the correct dose:

- Hi-Line (XS, XXS) high speed handpieces
- Hi-Line XXS handpiece shafts

**Spray through until clear oil emerges from the tip! (approx. 3 seconds)**

For motors, handpieces and attachments such as:

- HiLAN XS
- microspeed uni
- Acculan 3Ti drills and attachments
- mini-Line
- micro-Line

**Spray through for approx. 1 second.**

**Ensure that pneumatic motors are switched on "I".**

- microspeed uni XS motor and shaver handpieces

**Spray from the front for approx. 1 second.**

### 5. Function test

- Inspect product for external damage and soiling
- Operate product briefly and check for:
  - irregular running noises
  - excess heat
  - strong vibrations
- Check tools for edge-holding property

**Set aside damaged products at once!**

### 6. Sterilisation

- ⚠ Do not sterilise batteries

- Sterilise products using the fractionated vacuum method, 134 °C, 2 bar, holding time 5 minutes

**Ensure adequate cooling time!**

**Do not operate products whilst still warm!**



The operator is solely responsible for ensuring successful reprocessing. In this respect, please pay particular attention to the relevant information and instructions in the instructions for use, as well as the applicable national statutory regulations and standards. Instructions for use and reprocessing of Aesculap medical devices can be found on our website under [www.bbraun.com](http://www.bbraun.com) → Service.