



Cleaning/Disinfection Guide

Aesculap Sterile Containers

Regular maintenance and proper care of your sterile containers is essential for ensuring its longevity and optimal performance. By following these simple steps, you can keep your sterile containers in excellent condition whilst in use in practice.



A. Manual Cleaning / Disinfecting

1.

Prior to manual disinfecting, allow water to drip off for a sufficient length of time to prevent dilution of the disinfecting solution.

2.

After manual cleaning/disinfection, check visible surfaces visually for residues. Repeat the cleaning process if necessary.

Manual cleaning with disinfecting cleaning by wipe disinfection

Phase	Step	T [°C/°F]	t [min]	Conc. [%]	Water quality	Chemicals	
I	Cleaning	RT (cold)	-	-	D-W	-	
II	Dry	RT	-	-	-	-	
III	Wipe disinfection	-	>1	-		A Alcohol Denat. 70 % (Ethanol B. Braun)	B Aldehyde-free surface disinfectants (e.g. Meliseptol HBV cloths)
IV	Final rinse	RT (cold)	0.5	-	FD-W	-	Rinse off cleaning chemicals; do not leave residues
V	Dry	RT	-	-	-	-	

D-W: Drinking Water
FD-W: Demineralized Water
RT: Room Temperature



Manual Cleaning/Disinfecting Continued

Phase I

Clean the product under running tap water using a suitable cleaning brush until all visible residue has been removed from the surfaces. Move non-rigid components, such as adjusting screws, joints etc. during cleaning.

Phase II

During the **drying phase**, dry the product using the appropriate equipment (e.g. wipes, compressed air).

Phase III

Wipe all surfaces of the product using a **single-use disinfecting wipe**.

Phase IV

Rinse disinfected surfaces after the prescribed contact time (at least 1 min) under running demineralized water.

Drain any water fully.

Phase V

During the **drying phase**, dry the product using the appropriate equipment (e.g. wipes, compressed air).



B. Mechanical Cleaning/Disinfecting

Mechanical neutral cleaning and thermal Disinfecting

Machine type: single-chamber cleaning/disinfection without ultrasound

Phase	Step	T [°C/°F]	t [min]	Water quality	Chemicals
I	Pre-rinse	<25/77	3	D-W	-
II	Cleaning	55/131	10	FD-W	Neutral cleaner (e.g. B. Braun Helimatic Cleaner neutral in 0.5% working solution): pH neutral (pH 6.5 to 8.5)
III	Intermediate Rinse	>10/50	1	FD-W	-
IV	Thermal Disinfection	90/194	5	FD-W	Other process parameters may be feasible
V	Dry	120/248	10	-	

D-W: Drinking Water

FD-W: Fully desalinated, demineralized water (low-germ, max 10CFU / 100ml, as well as low endotoxin contamination, max 0.25 endotoxin units/ml)



Mechanical Cleaning/Disinfecting Continued

Check visible surfaces for residues after mechanical cleaning/disinfecting.

If white residue is observed on the container, this may have been caused by a high pH (e.g. caused by alkaline cleaning solution), water quality or deviating process parameters.

Check pH level of water and detergent solution throughout the process – reduce to a pH of 6.5 to 8.5.

The white residue does not impact form, fit or function.

Repeat the cleaning/disinfection process if necessary.

Note: Temperatures of up to 120 C are permitted for machine drying with hot air.



Care of your sterilisation containers

Oil closure hinges with suitable maintenance oil
(E.G. AESCULAPSTERILIT I OIL SPRAY OR MAINTENANCE OIL)

Recommended Products – Coming soon

**Meliseptol HBV – Tissue
Refil Pack**

Lubricant Spray

**Meliseptol HBV – Tissue
Dispensing Box**

**For more
information
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