



# Formaldehyde Wash out System

Model 21.100

Manual

**KC** Denmark A/S

Research Equipment  
Limnology • Oceanography • Hydrobiology

# Formaldehyde Wash Out System



KC Denmark A/S is not, and cannot be held, responsible for any damage(s) made to equipment or to operators who ignore safety precautions or because of misuse or wrong operation.

When working on the unit in areas, which are difficult to access or hazardous, ensure to take adequate safety precautions for the operator and others in compliance with the provisions of law on health and safety at work.

## Warning:

Formaldehyde is a sensitizing agent that can trigger an allergic reaction in normal tissue after single or repeated exposures. The liquid is classified as a known human carcinogen (cancer-causing substance) by the International Agency for Research on Cancer and as a probable human carcinogen by the U.S. Environmental Protection Agency (EPA). Researchers must understand the hazardous properties of formaldehyde so that control measures can be taken to minimize exposure.

## Application:

Wash out of formaldehyde.


## General:



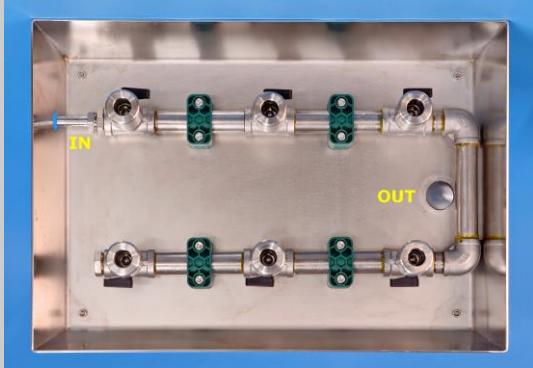

A stainless steel receptacle holds 6 cylindrical containers with filters, each having a capacity of 2,5 L approx. The containers have a separate tap and can be detached separately. On the side, above the handle, you will find two rectangular holes covered by a 500 µm net made of steel. The handle on each container ensures easy and safe handling.


Each cylinder has a clamp unit and the detachable top has a welded, laser cut plate with a steel net, mesh size 500 µm.

The bottom of the conical container has a 3 mm plate with holes, Ø4 mm, covered by a 500 µm net.

The containers interlinks via a tube rack placed in a vessel made of 2 mm AISI 316 stainless steel plate. The receptacle has a pipe stub for water supply and a stub for emptying the vessel.

Item	Description	
1	Unscrew the threaded ring on the containers.	

2	Remove the upper sieve and pour the preserved sample into the containers.	
3	Every container has a separate valve so you can wash out separate samples.	
4	<p>Apply water to the inlet on the left side and the water flow washes out the formalin, leaving the preserved samples intact in the container.</p> <p>During the wash out, you can leave out the upper hoods, but you must adjust the water flow accordingly. The hoods protect the species from getting lost if the flow is too high.</p> <p>Drainage for water to the right. Collect and dispose the water in an appropriate way considering the environment.</p>	
5	Insert the cylinders firmly into the fittings. Close the valves for any unused items.	
6	The cylinders have a mesh on top and at the sides, allowing the excess water to flow.	

7	The containers are detachable for easy cleaning.	
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