

Installation and operating instructions **VLOCLEAR DISPENSER II**

(Version 5.0)



1. GENERAL

Thank you very much for your choice for the VLOCLEAR Dispenser II. When used as intended, VLOCLEAR supports the control of bioslime formation in the rinse water section of film processing equipment and helps maintain clean system conditions.

The dispenser provides controlled dosing of VLOCLEAR at adjustable intervals, helping to maintain water quality even during temporary production stops.

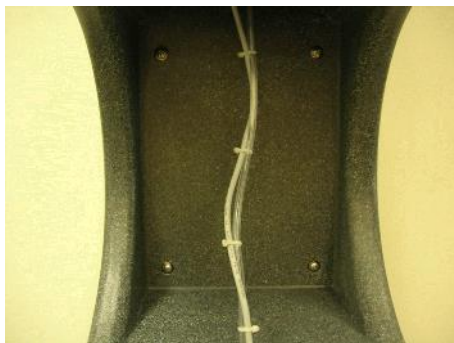
This guidance describes the installation and use of the dispenser step by step. Please read these instructions and the safety information carefully before installation. If you have any questions, please contact SAMA Water Products or your local representative.

2. INSTALLATION

The Vloclear-Dispenser is delivered with the following components and documentation:



1. Screws and plugs for mounting
2. Appr. 5 metres PVC-tube (6 x 4 mm)
3. U-trap for dosing in tank or machine
4. Installation and operation instructions
5. Function label sticker



Mount the dispenser on a wall near a wall socket and close to the tank or machine where the product will be dosed. For convenient adjustment and clear display reading, it is recommended to install the LCD display at eye level.

The back panel of the dispenser is equipped with four mounting holes. Screws and wall plugs are included.



A coupling is located at the lower left side of the dispenser and is connected to the outlet side of the pump.

To connect the tube, unscrew the coupling and slide the locking ring over the tube. Push the tube onto the coupling, slide the locking ring toward the connection, and tighten the coupling by hand to ensure a secure and tight fit.

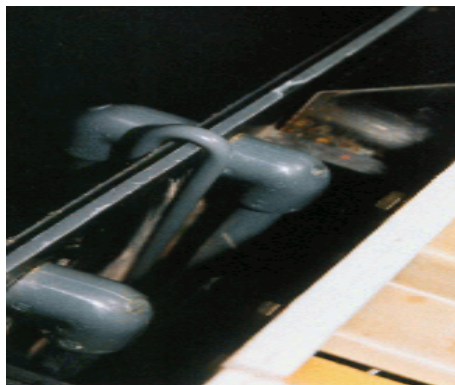
If required, the tube can be gently warmed with hot water to improve flexibility during installation. Route the tube to the processor or tank and shorten if necessary. Ensure the is installed without sharp bends or tension.



Connect the pressing tube to the U-trap by unscrewing the coupling and sliding the locking ring over the tube. Push the tube onto the coupling, slide the locking ring toward the connection, and the coupling tightened by hand to ensure a secure fit.

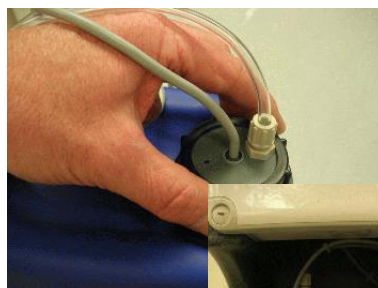
If necessary, the tube can be gently warmed with hot water to increase flexibility during installation.

The U-trap is now ready for installation.



Hang the U-trap on the tank or machine.

If the U-trap cannot be used the pressure tube may be connected directly to the tank or machine using a suitable tank wall coupling. These couplings are available from your dealer or SAMA Water Products.



Place the suction pipe into the container and tighten the cap securely. Position the container in the can holder, ensuring the suction tube is not bent or kinked.



Installation is now complete and the dispenser can be put into operation. Connect the plug in the wall socket and switch on the unit using the main switch.

Before operation the tubes must be filled. The dispenser includes a dedicated test function for priming the system. For instructions this and other settings, please refer to the chapter "Operation and control"

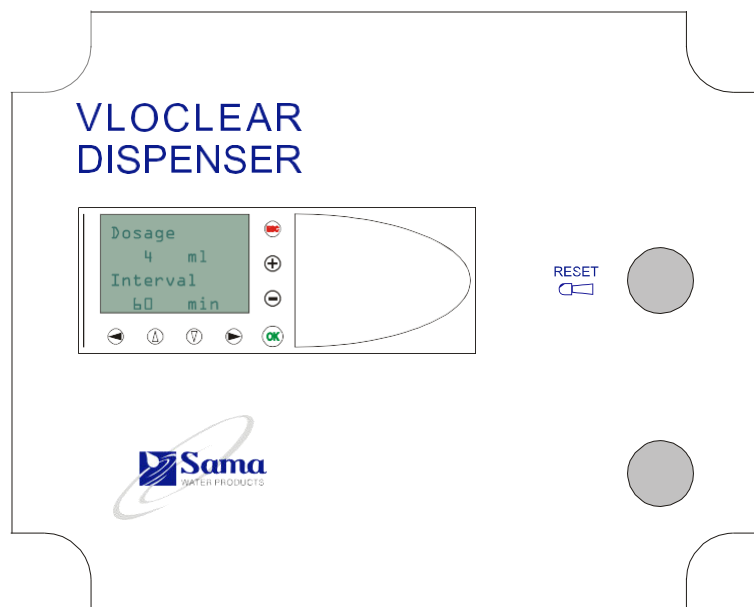
3. OPERATION AND CONTROL

Before first use, it is recommended to clean the rinse water section of the film processor with VLOSEPT. Fill the rinsing water section preferably with warm water, and add 0,5-1 litre of VLOSEPT (= 0,5-1 bottle). Allow the solution to circulate through the entire water system for approximately 30 to 60 minutes to help remove residues from pumps, hoses and rollers.











After the cleaning process, drain the water and rinse the system thoroughly with clean water. Once rinsed, refill the water circuit and proceed with operating the dispenser as described below.

1. Connect the plug to the wall socket.
2. If required, place the label explaining the symbols on the inside of the dispenser.
3. Switch on the dispenser using the main switch. The LCD will illuminate and show the preset dosing volume and dosing interval.
4. Set the dispenser in the so-called test position (highest interval position; see description function control buttons). In this mode, the dispenser will fill the pressure tubing to the developer machine with VLOCLEAR at short intervals. If necessary, check that the suction pipe is properly positioned.
5. Adjust the dosing interval and dosing volume according to the instructions below. The VLOCLEAR dispenser is now ready for use and will dose VLOCLEAR into the wash water bath at the selected settings.

The functions of the buttons (see function control buttons) are described below:



Front Vloclear Dispenser

- | | | | |
|---|----------|---|-----------------------------------|
|  | + |  | Language choice (NL, E, D, F, PL) |
|  | + |  | Increases the dosing volume |
|  | + |  | Decreases the dosing volume |
|  | + |  | Increases the dosing interval |
|  | + |  | Decreases the dosing interval |

Function control buttons

Even when applied in smaller doses, VLOCLEAR can support the control of bioslime formation. The required dosing volume depends on the capacity of the wash water reservoir and on the specific operating conditions of the system.

In many situations, effective results are obtained by selecting shorter dosing intervals combined with a lower dosing volume.

The dosing volume can be adjusted from 2 to 20 ml in steps of 2 ml and from 20 to 50 ml in steps from 10 ml. The dosing interval can be adjusted from 30 to 360 minutes in steps of 30 minutes. The test function can also be selected using this setting. In test mode, the dispenser doses the selected volume continuously for system priming or verification.

If bioslime formation growth is observed, the dosing interval can be shortened or the dosing volume increased. The optimal dosage should be determined based on the operating conditions. If bioslime formation persists, it is recommended to clean the rinse water section of the machine again using VLOSEPT.

4. SIGNALS

The VLOCLEAR dispenser includes an “Empty Container” alarm function. When the liquid level in the container falls below a predefined level, an acoustic warning signal is activated and the LCD display indicates that the container is empty.

The acoustic signal can be temporarily silenced by pressing the reset button. If the container is not replaced, the warning signal will automatically reactivate after a certain period of time. Once a new container is installed, the empty container warning will stop automatically.

5. WARNING

It is recommended to clean and disinfect the wash water reservoir with VLOSEPT before starting the use of VLOCLEAR. This helps remove existing residues that could otherwise affect the operation of the film processing system.

Over time, slight contamination may occur due to algae or other biological growth. For this reason, the rinse water tank should be cleaned periodically with VLOSEPT, as described in the section “Operation and Control”. As a guideline, cleaning may be carried out after approximately two 5-litre containers of VLOCLEAR have been used.

When handling concentrated VLOCLEAR, avoid direct skin or eye contact. Suitable personal protective equipment should be used when necessary. For detailed safety information, please consult the Safety Data Sheet (SDS)

6. SAFETY INSTRUCTIONS

The machine may only be operated by qualified personnel who have been instructed in its proper use and operation.

Ensure that the machine can be supervised during operation in order to prevent improper handling. Repairs may only be carried out by trained service personnel. Modifications to the machine may only be performed by personnel authorised by the manufacturer.

Do not operate the machine if visible damage to the housing is detected. If the machine is connected to other devices, components or systems and it is unclear whether hazards may arise from the combination, consult the respective manufacturers to ensure safe operation.
Do not bypass or disconnect the integrated safety features.

Switch off the machine before carrying out maintenance or repair work. Always disconnect the machine from the mains before performing repairs or maintenance during which electrical components may become exposed.

The machine must be operated and maintained in accordance with these instructions. The manufacturer cannot be held responsible for damage or injury resulting from improper use, incorrect installation or inadequate maintenance.

When installing the machine, ensure that a mains plug or an all-pole disconnecting device is installed nearby and easily accessible. If unusual smoke, noise or malfunction occurs, disconnect the machine from the mains immediately.

Handling of Chemicals

When handling chemicals, observe all applicable safety and environmental regulations as well as the instructions provided with the chemicals. Dispose of chemicals and wastewater in accordance with local environmental regulations.

Wear appropriate protective clothing and safety goggles when required. In case of contact with the eyes, rinse immediately with clean water and seek medical attention.

Avoid inhaling chemical vapours and ensure adequate ventilation at the installation site. Regularly inspect the machine and its connections for leaks or loose fittings. If liquid enters the machine due to spillage, disconnect it immediately from the mains and have it inspected and cleaned by qualified technical service personnel.

7. TECHNICAL SPECIFICATIONS

All values are approximate and subject to modification.

Supply voltage	: 230 V
Power consumption	: 15 W
Dimensions (W × H × D)	: 275 x 600 x 240 mm
Maximum pump capacity	: 0.1 litres per minute
Maximum vertical lift	: 10 metres
Maximum pressure hose length	: 10 metres
Fuse	: 0.4 A



The fuse holder (0.4 A slow-blow) is located at the bottom right side of the control cabinet. The fuse can be replaced by opening the fuse holder with a screwdriver.

Switch off the dispenser before replacing the fuse. After the fuse holder has been properly closed, the dispenser can be switched on again.

8. REGULATORY INFORMATION

CE Marking

The Compact Dispenser complies with applicable European Union legislation. The CE marking on the product indicates conformity with relevant EU directives concerning electrical safety, electromagnetic compatibility and environmental requirements.

The product has been designed and manufactured in accordance with applicable European standards.

Disposal of Electrical Equipment (WEEE)

This product is subject to the provisions of the Waste Electrical and Electronic Equipment Directive (WEEE) 2012/19/EU.

Electrical equipment marked with the crossed-out wheeled bin symbol must not be disposed of with household waste.

At the end of its service life, the product must be disposed of in accordance with applicable local regulations for electronic waste.

For information about proper disposal, please contact your local waste authority or SAMA Water Products.

9. RESPONSIBILITY

The VLOCLEAR dispenser and any associated accessories should be installed by qualified technical personnel.

Repairs may only be carried out by qualified technicians. Any modifications to the equipment or installation must be performed by personnel authorised by the manufacturer.

10. EU DECLARATION OF CONFORMITY

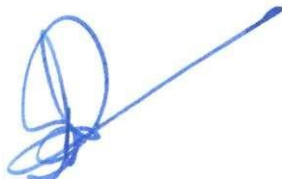
Manufacturer:

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NL-3316 AB Dordrecht
The Netherlands
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Herewith declares that the Compact Dispenser with canholder complies with:

- Low Voltage Directive 2014/35/EU
- Electromagnetic Compatibility Directive 2014/30/EU
- Restriction of Hazardous Substances Directive 2011/65/EU
- Waste Electrical and Electronic Equipment Directive 2012/19/EU

Sint Maartensdijk, October 1, 2017



R. van der Graaf