

# Installation and operating instructions **VLOCLEAR-DISPENSER II**

(Version GEN-2017-01)



### GENERAL

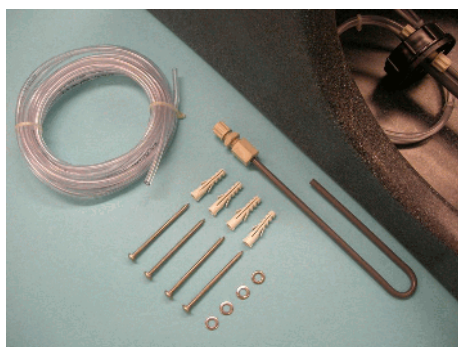
Thank you very much for your choice for the VLOCLEAR-DISPENSER II. A regular dose of VLOCLEAR in the rinse water of your film processor puts an end to the annoying bioslime that soils your film processor(s). Dry spots, extra cleaning and polishing, etc., are finally a thing of the past.

The dispenser releases regular doses of VLOCLEAR, so that even if production is halted for several days, no bioslime forms in the wash water bath of the developing machine.

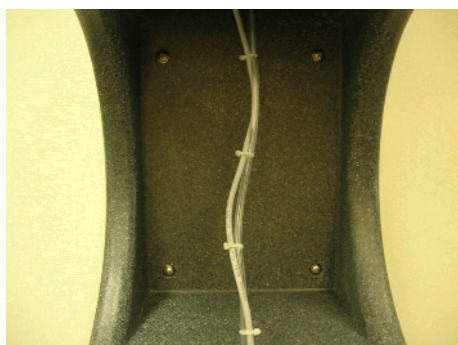
In this guidance the installation and use of the dispenser is described step-by-step. Installation of the dispenser is simple. After you have mounted the dispenser to the wall you do not need tools anymore. It is advised to read this guidance and the safety instructions completely before installation. Contact SAMA Water Products or your agent in case of questions or vaguenesses.

### INSTALLATION

The Vloclear-Dispenser is delivered with the following parts and documents:



1. screws and plugs for wall-mounting
2. about 5 meter PVC-tube 6 x 4 mm
3. u-trap for dosing in tank or machine
4. installation and operation instructions (not displayed)
5. sticker with control functions (not displayed)



Mount the dispenser to the wall near to a wall socket close to the tank or machine in which the product has to be dosed. To allow simple adjustment and read off it is advised to mount the LCD-display at eye level.

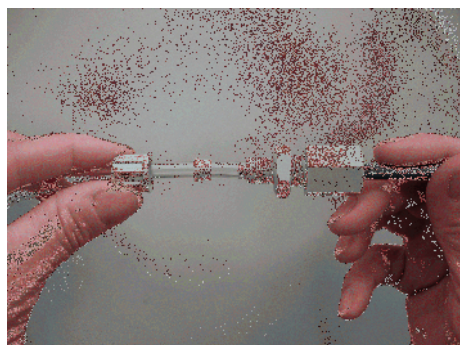
The backwall of the dispenser is provided with 4 holes for mounting. Screws and plugs for mounting are included.



At the left bottom of the dispenser a coupling is mounted. This coupling is connected to the outlet side of the pump.

Mount the tube to this coupling by unscrewing the coupling and push it over the tube. After placing the locking ring the tube can be pushed on the coupling. Now the locking ring can be pushed to the connection and the coupling tightened by hand. In this way a leakfree connection is obtained. To make the tube more flexible (and simplify mounting) the tube can be warmed with hot water or a heat gun.

Take the tube to the processor or tank which has to be connected. Shorten the tube if necessary. Be sure to amply bend the tube for easy mounting.



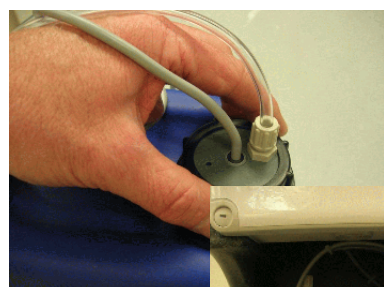
Mount the pressing tube to the u-trap by unscrewing the coupling and push it over the tube. After placing the locking ring the tube can be pushed on the coupling. Now the locking ring can be pushed to the connection and the coupling tightened by hand. To make the tube more flexible (and simplify mounting) the tube can be warmed with hot water or a heat gun.

The u-trap is now ready for installation. In case of two dosing connections a second u-trap can be mounted by the use of an Y-connection (available at your dealer or SAMA Water Products).



Hang the u-trap to the tank or machine.

In case the u-trap can not be used the pressure tube can be connected directly to the tank or machine with a special coupling which can be connected through a tank wall. These couplings are available at your dealer or SAMA Water Products.



Place the suction pipe in the container and tighten the cap. Place the container in the can holder. Take care the suction tube is not bended.



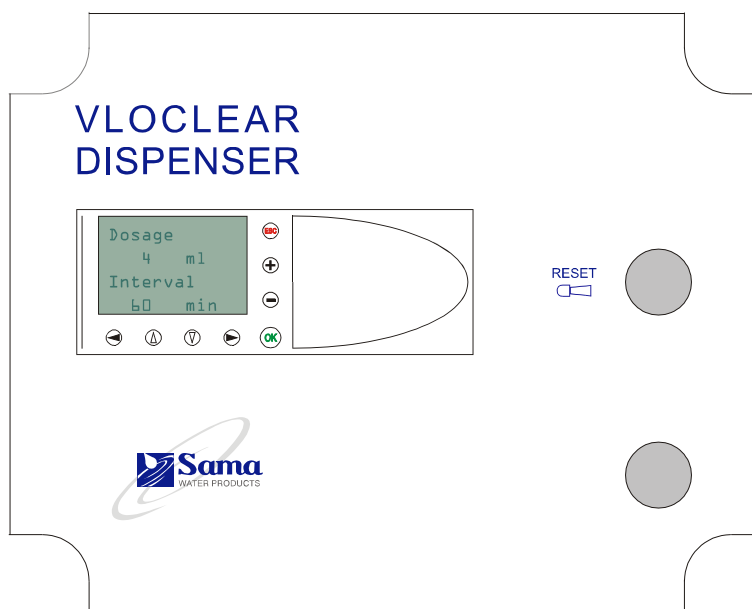
Installation is ready now, the dispenser can be put into use. Put the plug in the wall socket and switch on the dispenser using the main switch. Finally the tubes have to be filled. To do this the dispenser is provided with a special function (test-function). For this and other functions and control of the dispenser is referred the chapter "Operation and control"

### OPERATION AND CONTROL
















Before use, the rinsing water section of the film processor should be cleaned with VLOSEPT. Fill the rinsing water section, preferably with warm water, and add 0,5-1 litre of VLOSEPT (= 0,5-1 bottle). Allow this solution to pump around the entire water circuit for 30 to 60 minutes to remove all impurities in the pumps, hoses, rolls etc. After this cleaning operation, the water can be drained off, and the entire water circuit should be rinsed with water. After rinsing, the water circuit can be refilled with water and the dispenser can be used as follows:

1. Put the plug into the socket.
2. If this is considered to be necessary, place the sticker explaining the symbols on the inside of the dispenser.
3. Activate the dispenser by pressing the main switch. The LCD will now light up and show the adjusted dosing volume and dosing interval.
4. Set the dispenser in the so-called test position (= highest interval position, see description function control buttons); the dispenser will now - in brief intervals - fill the pressure tubing leading to the developer machine with VLOCLEAR. If necessary, relieve the suction pipe.
5. Set the desired dosing interval and the dosing volume in accordance with the following instructions. Now the VLOCLEAR dispenser is ready for use and can regularly inject VLOCLEAR into the wash water bath.

The functions of the buttons (see function control buttons) are as follows:



**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 if added in smaller doses, VLOCLEAR is very effective. The dosing volume depends on the volume of the wash water reservoir and on the precise operating conditions.

The best results are usually obtained by selecting short dosing intervals and thus allowing a minimum dosing volume.

The dosing volume is adjustable from 2 to 20 ml in steps of 2 ml and from 20 to 50 ml in steps of 10 ml. The dosing interval is adjustable from 30 to 360 minutes in steps of 30 minutes. With this function also the so-called test function can be selected. In this test function the dispenser doses continuously the adjusted volume.

If mucilage growth is observed despite the presence of VLOCLEAR, either the dosing interval should be shortened or the dosing volume ought to be increased. The best dosage must be empirically determined. In the case of repeated mucilage growth, it is recommended to once more (or repeatedly) disinfect the rinsing water section of the machine with VLOSEPT.

### SIGNALS

The VLOCLEAR dispenser possesses a so-called 'Empty' alarm function. Whenever the level in the container drops to a certain low limit, an acoustic warning signal is heard. At the same time, the LCD shows a message the container is empty.

This acoustic warning signal may be turned off by activating the reset button; failing to exchange the container, however, will automatically reactivate the signal tone after certain time. As soon as a new container is installed, the signal tone for the 'empty container' warning is turned off.

### WARNING

It is strongly recommended to thoroughly disinfect the wash water reservoir with VLOSEPT before adding VLOCLEAR, since existing mucilage residues may otherwise come loose and thus unnecessarily contaminate the developer machine, the film and/or the paper.

Despite using VLOCLEAR, (slight) contamination will occur again after a while because of algae. For this reason, the rinsing water tank should be cleaned, after 2 x 5-liter packs of VLOCLEAR have been used, with VLOSEPT as described in the section "Operation and Control". Each time a box of chemicals is opened (containing 2 x 5 litres of VLOCLEAR and 1 x 1 litre of VLOSEPT), cleaning should be performed with VLOSEPT before carrying on working with VLOCLEAR.

Skin contact with concentrated VLOCLEAR may cause skin irritation, thus necessitating suitable personal safety precautions. Eye contact must be avoided at all cost since it may result in severe damage. For more detailed information please consult the material safety data sheet.

### SAFETY

The machine must only be operated by qualified personnel who has been instructed about the machine operation.

Make sure that the machine can be monitored constantly in order to avoid inappropriate handling, especially by children. Repairs must only be made by trained service personnel and only personnel authorised by the manufacturer is allowed to make changes on the machine.

If there is visible damage to the machine casing, the machine must not be started or used at all. If the machines are connected to other devices, components, or assemblies and it cannot be determined from the technical data whether the combination of these devices, components, or assemblies is associated with hazards, consult the respective manufacturers to ensure that there is no danger for operating personnel and the environment from the foreseen combination.



Do not override or disconnect the integrated safety features.

Switch off the machine before performing maintenance work or repairs. Disconnect the machine from the mains before making repairs or performing any maintenance activities during which live electrical components may become exposed and could be touched accidentally.

Like all technical equipment, the machine must be operated, cared for, and serviced correctly. If the machine is not operated correctly, or if it is not serviced correctly, the manufacturer is not liable for any resulting disturbances, damages, or injuries

When installing the machine, make sure that there is either a mains plug or an all-cable disconnecting device in the internal installation fitted near the machine and that it is easily accessible. If you notice conspicuous smoke or noise, disconnect the machine immediately.

### Special instructions for processors and for the handling of chemicals

When handling chemicals, observe safety and environmental regulations as well as the operating and warning instructions enclosed with the chemicals. The disposal of chemicals and waste water must be in compliance with the local regulations concerning waste water and environmental protection. Wear stipulated protective clothing and safety goggles.

If chemicals get into your eyes, immediately rinse your eyes with cold water and then consult a physician. Do not inhale chemical fumes. Make sure that there is sufficient ventilation at the installation site, i.e. an air exchange that is at least ten times the space volume per hour. Always comply with installation instructions. Regularly check all components of the machine for tightness. If liquid gets inside the machine (due to spilling), disconnect the machine immediately from the mains, and have the device thoroughly cleaned by the technical service.

### TECHNICAL SPECIFICATIONS

All of these values are approximate values.

Supply voltage	: 230V
Power	: 15W
Dimensions	: Width x Height x Depth = 275 x 600 x 240 mm
Maximum capacity of pump	: 0.1 litres per minute
Maximum vertical lift of pump	: 10 metres
Maximum length of pressure hose	: 10 metres
Fuse	: 0.4A

Subject to modification



The fuse holder (0.4A slow,) is located in the right side bottom of the control cabinet. The fuse is easily replaceable by opening the fuse holder with a screwdriver.

Switch off the dispenser in case a fuse is replaced and switch it on again after the fuse holder is closed again.

### **RESPONSIBILITY**

The VLOCLEAR dispenser, including any accessories, should only be installed by a qualified technician.

Repairs should only be carried out by qualified technicians. Modifications to the equipment and the installation should only be performed by authorised technicians.

### **SAMA Water Products BV**

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## EC-DECLARATION OF CONFORMITY

Manufacturer : SAMA Water Products BV  
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: NL-3316 AB Dordrecht

Herewith declares that the **Vloclear dispenser II**

- is in conformity with the provisions of the Machinery Directive (Directive 98/37/EC), as amended, and with national implementing legislation;
- is in conformity with the provisions of the following other EC-directives:
  - 2014/35/EEC
  - 2014/30/EEC
  - 2011/65/EEC
  - 2012/19/EEC

Sint Maartensdijk, November 2017



R. van der Graaf