



VLOCLEAR DISPENSER

Automatic dosing of Vloclear

Water naturally contains micro-organisms that may increase under certain processing conditions. In film and photo processing systems, this can lead to the formation of biological residues in the wash water section.

Such buildup may affect water quality and process performance, and can contribute to increased maintenance requirements. Managing biological growth can contribute to consistent operation and maintain equipment condition over time.

Optimising Washwater Quality with Controlled Dosing

Under normal conditions, water can contain measurable levels of colony-forming units (CFU), typically ranging from 100 to 1,000 per milliliter. In process environments, such as wash water sections of equipment, microbial levels may increase under certain conditions, which can influence water quality. Regular monitoring and maintenance support consistent system performance.

VLOCLEAR can be added regularly to wash water after cleaning to support control of micro-organism growth. As part of routine maintenance, it helps create conditions less favorable for microbial growth and may help reduce bioslime formation.

VLOCLEAR can be added manually or applied using a specially designed dispenser for automatic dosing. The VLOCLEAR dispenser helps support

consistent dosing aligned with your process conditions. Regular use supports wash water hygiene, including during periods of production downtime. This may help reduce the risk of bioslime formation and minimize additional cleaning efforts. The VLOCLEAR dispenser is mounted on the wall near the processor. Using the supplied fittings and tubing, it can be connected to the wash water section of the processor. After installation and adjustment, the unit is ready for operation.



The dosing volume and interval can be adjusted using the buttons on the control panel. The LCD screen displays the selected settings and supports multiple language options.



The VLOCLEAR dispenser is equipped with a suction tube that includes a float switch. When the container level is low, the system provides an audible signal and a notification on the LCD screen.



The alert can be muted using the reset button. If the container is not replaced, the notification will repeat after 30 minutes. Once the container is replaced, the alert is cleared automatically.

This approach helps support the management of bioslime formation.

Technical specifications

Dimensions (including connections)	: 27.5 × 24 × 60 cm (W × D × H)
Power supply	: 230 V
Power consumption	: 20 W
Pump type	: 24 V membrane pump, self-priming
Maximum pump capacity	: 0.3 liters per minute
Maximum head	: 10 meters
Maximum tube length	: 10 meters
Tolerance	: ±5%
Control unit	: 24 V PLC (reprogrammable)
Adjustable dosing volumes	: 2–20 ml (steps of 2 ml) 20–50 ml (steps of 10 ml)
Adjustable dosing intervals	: 30–360 minutes (steps of 30 minutes)
Display	: LCD screen, 45 × 30 mm
Language options	: Dutch (NL), English (EN), German (DE), French (FR), Polish (PL)

Technical specifications may be subject to change.