

# WaterClean



**SUSTAINABLE.  
EASY TO USE.  
GREEN.**



WaterClean™ is a filtration system that will filter recirculated pre-wash or wash/rinse water in an offset plate processor, and will automatically monitor and adjust the pH to provide better washing and water savings. WaterClean™ can be used with violet photopolymer, thermal and UV/Conventional offset plate processors.

Typically the water in the rinse/wash section of the plate processor is contaminated due to carry-over from the developer section. As the developer has a high pH value, it will over a short time raise the pH of the rinse/wash water and the development of the plate will continue in the rinse/wash section. Due to this fact, many production sites have chosen to run with an open tap water configuration, or in a water savings mode using the highest possible water replenishment rate; both modes consuming more water than necessary, which is not very environmentally-friendly.

Using the WaterClean will require that the processor is configured for water saving in the water rinse section.



▲ WaterClean™ has a simple control interface with On/Off and Start buttons and light indicators with warning if pH value is too high or low.



▲ WaterClean™ comes with a handy lid to provide easy access to the filter.



▲ Automatic “Filter Bag full” alarm to indicate when the filter needs to be changed.



▲ WaterClean™ is equipped with monitoring software and a pH meter which continuously measures the pH value of the water.

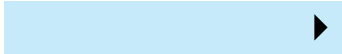
The wash water in an offset plate processor will typically be contaminated with particals and residues from the development section. The WaterClean™ filter will collect those remains for easy disposal.



A special neutralizer must be mixed with water and will be automatically added to the system to control the pH value.

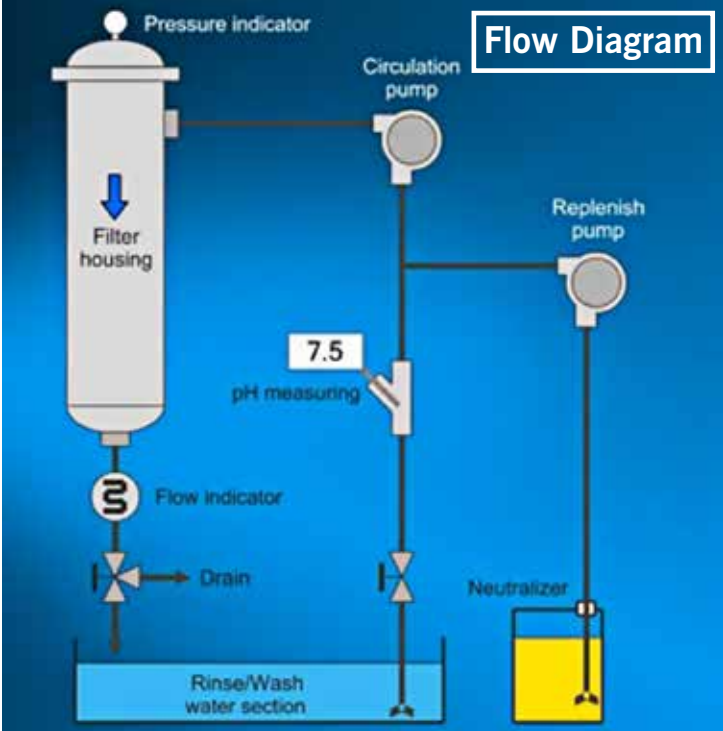


Learn more about WaterClean™ by scanning this QR code.



WaterClean™ is equipped with monitoring software and a pH meter which continuously measures the pH value of the water. When the pH value exceeds the established set point, WaterClean™ automatically adds a neutralizing solution to the closed water loop, keeping the water pH at the desired specified set point.

Reducing the excessive amount of water used for offset plate processing by up to 90%, WaterClean™ will easily pay for itself in just a very short time. The additional benefit WaterClean™ brings to your plate-making operation to ensure the sustainability of our natural water resources.



WaterClean™ includes the following standard features:

- Small footprint (vertical design)
- Applicable for pre-wash & wash water in violet photopolymer & thermal/UV conventional plate processing system
- Automatic "Filter Bag Full" alarm
- Easy Filter Bag replacement
- Internal flushing and circulation mode for maintenance
- pH probe monitoring with automatic replenishment system in order to keep the wash water at a neutral pH and provide optimal plate washing
- USB interface for initial parameter settings (laptop PC required)

	WaterClean™
<b>MODEL</b>	WaterClean™
<b>DIMENSIONS</b>	
Market position	Medium to high capacity
Width	655mm (25.8")
Height	1100mm (43.3")
Depth	500mm (19.7")
<b>MECHANICAL</b>	
Water temperature min/max.	10 – 40°C (50 – 104°F)
Filter volume	11 liters (2.9gal)
<b>ELECTRICAL</b>	
Power supply	230VAC, 50/60Hz
Power consumption	Max. 200watts
<b>GENERAL</b>	
Weight (net/crated)	40kg / 70kg (88lbs / 154lbs)
The WaterClean™ complies with the CE safety standards	

Note: Specifications are subject to changes without prior notice.

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