

CtP Process Management Systems



Maximize your CtP Processor Production and Minimize it's impact on the Environment

Look inside to:

- *Avoid Fines for High pH Waste Disposal*
- *Keep Silver Levels in Compliance*
- *Save Time & Money on Processor Maintenance*
- *Reduce Chemistry Costs*
- *Improve Plate Quality*
- *Extend Water Bath Life*
- *Reduce Drain Plugging*
- *Reduce Water Consumption*

Procam Controls, Inc

The leader in environmental accessories for your CtP Processor



CTP-Kleen 2

- Improves processor filtration.
- Reduces maintenance.
- Maximizes developer life.
- Lowers processing costs.
- Pump provides circulation independent of spray bar.



CTP-Kleen

- Improves processor filtration.
- Reduces maintenance.
- Maximizes developer life.
- Lowers processing costs.
- Uses processor recirculation pump.



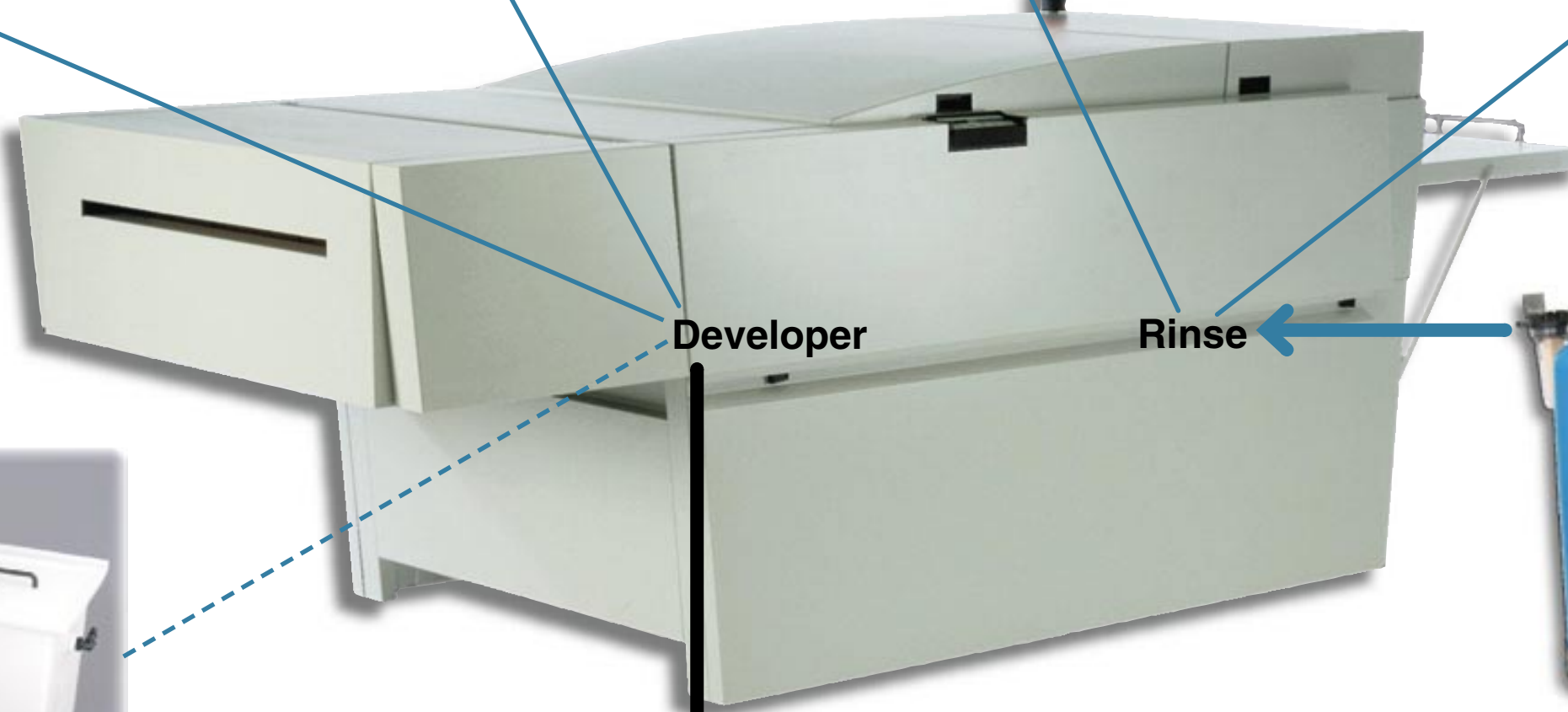
PPR30AR

- Wash Water Recirculator with automatic water replenishment.
- Save thousands of gallons of water.
- Reduces amount of effluents to drain.
- Eliminates bio-growth slime.
- Enables economical use of RO or DI water for rinse water.



Mini RapWash

- Filters & recirculates wash water on G&J Raptor Processors with "Foam Buster".
- Extends life of wash water.
- Reduces redeposits and processor maintenance.
- Cleaner plates.
- Less processor down-time.



Metering Collection Tank

- For use on all thermal and photopolymer plate processors.
- Allows complete tank draining on large tank or multiple processors.
- Multiple processors on one neutralization system!
- Use in conjunction with PropH-T/P



PropH-T/P or PropH-Silver

- Fully Automatic CtP Effluent pH Neutralization System.
- Collects thermal and photopolymer CtP developer effluent.
- Utilizes a rugged long-life pH sensor to constantly monitor the pH.
- Dilutes & Neutralizes high pH and reduces sewer levels to meet local sewer authority requirements.
- Automatically dispenses to drain.



PF420



HM420

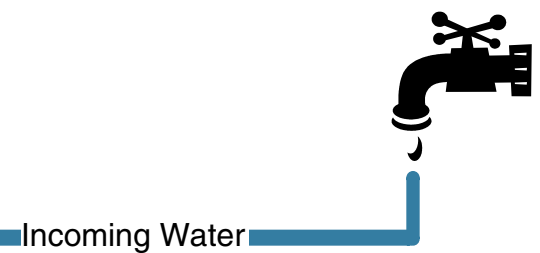
PF420 & HM420 (used on PropH-Silver only)

- PF420 removes colloidal particulate silver.
- HM420 removes dissolved silver.
- Does not require low pH to work efficiently.
- Does not generate foul odors & hazardous fumes.



ProSoft CtP

- Removes the hardness and iron from the water.
- Post filter protects processor from resin.
- Metered valve regenerates based on water usage.
- Calcium carbonate and other minerals that cause "lime-scale" are removed from the treated water through ion-exchange.
- Prevents spotting on plates.



DRAIN

When processing computer-to-plate media several environmental concerns arise. The increasing need for CtP process management systems has become a necessity in the printing industry to handle these concerns.

Many municipalities discourage high pH effluents, in most cases making it illegal. Processing CtP media requires a very high pH developer. Neutralization is an acceptable approach to meeting the local sewer requirements. The **PropH-T/P** is designed to neutralize thermal & photopolymer developers without solidification. Use the **MCT-30 Metering Collection Tank** in conjunction with the **PropH-T/P** to allow complete tank draining on large tank or multiple processors.

Silver-based CtP media has an undesirable silver content in the effluent. Unlike film processing, the silver cannot be removed using an electrolytic silver recovery unit. Most of the silver present is particulate with a minimum amount of dissolved or ionic. The **PropH-Silver** is designed to neutralize the developer, as well as remove the particulate silver. In addition, the **PF420** can be used in conjunction with the **PropH-Silver** for removal of colloidal silver that is too small for the on-board filter to remove. The **HM420** is a unique absorption media that reduces any dissolved silver that a particulate filter is unable to remove.

Hardness and iron in wash water cause sensitive spots on plates and can be harmful to processors and drains when combined with silicates in the developer. The **ProSoftCtP Water Softeners** for computer-to-plate processors remove the hardness and iron from the water used to wash off the plates. In addition, the post filter protects the processor from the small amount of resin that can be discharged by the softener during cycles.

Extending the life of the wash water is a need for processors. The **Mini RapWash** wash water filtration unit extends the life of the wash water and decreases the maintenance of the processor. Users commonly experience less redeposits, cleaner centrifuge and wash section. This translates to cleaner plates, less processor down-time and a significant reduction in labor required to maintain the processor.

Save thousands of gallons of water and reduce water pollution. It is much easier to reduce bioslime contamination from your processor if you recirculate the water with the **PPR30AR**. You are now treating only a few hundred gallons of water per year, as opposed to a few hundred thousand gallons. Therefore you are lowering water and sewage charges. In addition, you reduce the amount of waste hauling and water pollution.

Reducing chemistry and processing costs could save you thousands. The **CTP-Kleen** or **CTP-Kleen 2** water filtration systems maximize the life of the developer and decrease maintenance of the CtP developer section. The system constantly recirculates the developer at a very high flow rate and immediately filters out precipitated plate materials. The high flow rate and high capacity filter reduce the polymers from redepositing on the plates and keeps the tank and plumbing of the developer section much cleaner. This translates to cleaner plates, less processor down-time, and a significant reduction in labor required to maintain the processor or rewash plates.

Procam Controls, Inc. offers a wide variety of environmentally friendly products to utilize in conjunction with your thermal and photopolymer CtP plate processors. Whether you need to neutralize the pH effluent level, or simply reduce water consumption, we have a unit to fit your needs.

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