

PropH-T/P Automated Neutralization System

For Thermal & Photopolymer Plates

Features/Benefits

- ❖ Proven reliable, extra long-life (3-5 years) pH sensor designed for CTP developers constantly measures pH of effluent in tank.
- Minimizes usage of neutralizer and operating costs.
- ❖ Digital readout of pH provides constant monitoring of effluent pH.
- ❖ Proportional pH controller automatically doses only the neutralizer necessary to reach set-point, minimizing overshoot.
- ❖ Designed to neutralize thermal & photopolymer developers without solidification.
- ❖ Automatically dispenses to drain only when pH is within acceptable limits.
- ❖ Small footprint, 29" w x 21" d. Easy to install, operate and service.
- ❖ High Flow Drain Pump flushes neutralized effluent out of tank to drain.

Processing computer-to-plate media requires a very high pH developer. Many municipalities discourage high pH effluents and recognize neutralization as an acceptable approach to meeting the local sewer requirements.

The PropH-T/P is designed to collect thermal and photopolymer CTP developer effluent, automatically monitor the pH and when needed, dose the required neutralizer until the effluent meets the user determined pH. When the pH setpoint is reached, the drain pump will initiate, pumping neutralized effluent to drain.



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The PropH-T/P is Simple To Install and Operate.

Simply connect the PropH-T/P to the processor developer drain and overflow, water supply and building drain or waste container. Connect the neutralizing solution suction line to the cube and dosing pump inlet and then plug it into a standard wall outlet. The PropH-T/P is ready to collect waste developer. When the water supply is turned on, water will fill the PropH-T/P tank until the float valve closes. Developer overflows in the processor and down the drain into the PropH-T/P tank. When the pH raises, the dosing pump actuates and adds neutralizer until the setpoint is reached. When the tank is full, the high level float switch actuates and if the pH is within the acceptable range it will pump to drain and a flush sequence starts.

Selecting the correct PropH Model:

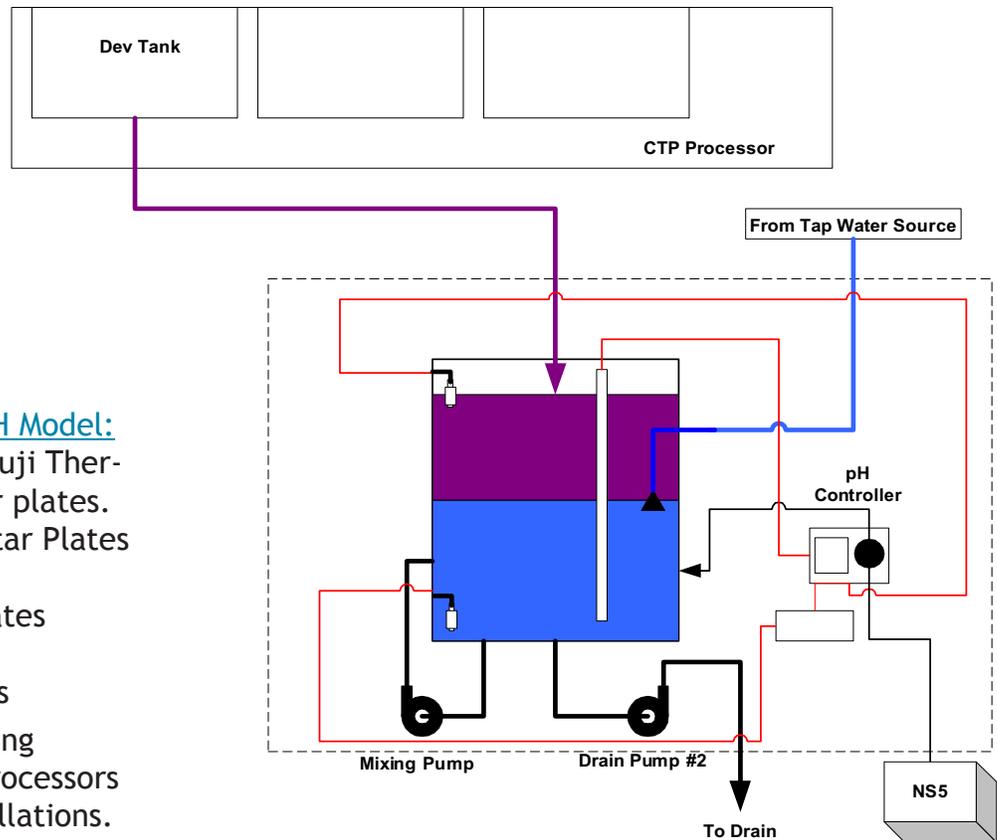
PropH-T/P - Agfa & KPG, Fuji Thermal & photopolymer plates.

PropH-Silver - Agfa LithoStar Plates LP68 & 82

LSN-SR - Agfa LithoStar Plates LP150

PropH-M - Mitsubishi Plates

Use optional MCT30 metering collection tank for large processors or multiple processor installations.



Specifications

Power: 115 volt 6 amp 60hz

Dimensions: 29" Wide x 21" Deep x 28.5" Tall

Tank Capacity: 30 gallons

Connections: Tap Water Supply (Max. 60 psi) - 1/2" hose with 3/4" GHT Connector

Processor Dev Connection - 3/4" Hose barb.

Safety Overflow Connection - 1" Hose barb.

Drain Connection - 1" Hose barb.

Consumables: NS-5 Neutralization Solution, 5 gal. cube.

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