



Corrosion-Resistant Circulation Pump

Digitally Controlled for Precise Measuring

Alarm Signals When pH Level Not Reached

Durable Sensor for Accurate Readings

Automatically Adjusts pH Level

Maintaining proper pH in a waste stream is crucial to a water treatment system's effectiveness. Water Maze's fully automated pH Permissive System automatically monitors and adjusts the pH of a waste stream to satisfy predetermined set points.

This digital system uses a controller that monitors the pH and continuously circulates the liquid until the pH is corrected. The circulation pump is constructed of poly material to resist chemical corrosion and blends the liquid and pH adjusting chemical through a static mixer for proper neutralization.

Once the pH set point is satisfied, the permissive interlock system of the controller will allow post processing of the liquid to continue. The controller also comes with an alarm system that monitors adjusting time. If pH adjustment is not achieved within 15 minutes, an alarm on the controller's LCD screen will be shown. Often this is due to a depletion of pH adjusting chemicals.

The unit comes with a digital controller, durable sensor, two chemical pumps and circulation pump, all conveniently mounted on a compact stand. The small footprint allows the unit to be located in tight areas.

pH Permissive System Specifications

Part No.	PH-3020D
Voltage	120 volts
Amperage Draw	9 Amps
Circulation Pump	3/4 hp Poly
pH Controller	Digital Permissive
Maximum Water Temperature	104° F (40°C)
Stand Dimensions (LxWxH)	29" x 16" x 56"
Ship Weight	140 lbs

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pH PERMISSIVE SYSTEM

Automatically Monitors and Adjusts pH to Preset Set Points



■ **PH-3020D Digital pH Permissive System;** shown with optional auto fill and holding tank

NOTE: Water Maze is not responsible for procurement of regulatory and/or operating permits that may be required by city, county, state or federal agencies for particular uses of Water Maze units. The customer is responsible for procuring any hazardous or non-hazardous regulatory and/or operating permits and for complying with codes or other governmental requirements associated with the installation, use, or disposal of waste associated with Water Maze units. Water Maze is not responsible for the operation or maintenance of the Water Maze unit. If the actual waste stream processed in the Water Maze unit differs from that which was submitted, operation may result in adverse effects to the equipment and will negate any warranty of the equipment.

OPTIONS INCLUDE: Corrosion-resistant stainless steel sump pump, connection fittings and N/O & N/C tethered floats for automatic water fill assembly; 300-gallon cone bottom holding tank with circulation hose with shutoff valve and sludge valve for ease in disposing of solid wastes.



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