

Tank Mount pH Control System

Utilizing a proven flat tip pH probe, this sensor provides for convenient and dependable measurement of pH directly in ink pales.

This sensor assembly may be mounted to the cover of the ink pail or to a Norcross viscosity measuring element (shown below).

damgaed, it must be replaced and the whole assembly recalibrated.

The sensor tip is connected to a transmitter, by means of a plastic pipe with internal wiring. The transmitter converts th native pH probe signal into a 4-20madc signal. A signal suitable for transmission to the remotely mounted MP2000pH controller.

The operator puts the desired pH value into the controller as a set point. The controller compares the setpoint with the actual pH value. When the pH drops below the set-point, the controller turns on an amine addition valve, for an appropriate time period.

The controller has a built in time delay which allows it to add amine once every 2 minutes.

All pH sensor assemblies require periodic calibration. In order to make this process simple, we offer pH testing accessories.

The accessories include a test meter, pH probe support, buffered solutions, directions for use and a convenient carrying case

The end of the pH sensor assembly must always be in ink or water. If the tip is allowed to dry or is

Tank mount pH assembly, shown below, is mounted to a IS1M8BO Viscosity Measuring Element. The tank mount sensor can be mounted to the lid of an ink pail.

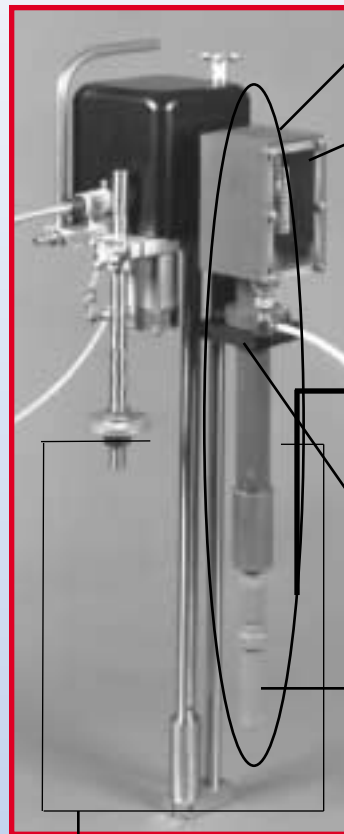


Photo 0050
Ink Tank/Pail



MP2000pH Controller
Photo 0125

Amine Addition Valve, operated by MP2000pH



Amine Supply

Photo 0034A

Mounting Bracket can be secured to pail cover to support pH sensor assembly. Mounting Bracket ordered separately



Photo 0059

pH testing accessories. Shown with support for tank mounted sensor.

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