SUBJECT: pH CONTROL OF ELECTROLESS NICKEL

Below is a diagram indicating how Metering Pumps and Controllers can be used in conjunction with each other to maintain the pH of a specific solution; in this case, electroless nickel. Similar systems can be set up for virtually any type application with either the Model 432 pH Recorder/Controller, or 440 Controller. The Model 400 Recorder should be considered for monitoring only.

Model 440 pH Controller
Standard Features:
Range 2-12pH, ACC ± .05 pH, 0-100°C
manual temp.comp.
set point ACC ± .1 pH, dual 5 AMP 115U AC outputs.

OPTIONAL:
(1) Second set point
(2) Adjustable cycle timer with 0-100°C electrode (spec)
(3) Automatic temperature compensating probe.
(4) Industrial electrode for 2 wks. without refilling.
(5) Flow thru probes see electrode sheet.

Size to required flow per customers specifications. Pump Book K, pages 30-31